BEFORE THE NEBRASKA PUBLIC SERVICE COMMISSION

In the Matter of the Nebraska) Application No. C-2831/NUSF-Public Service Commission; on its own motion, seeking to investigate telecommunications infrastructure development in) Nebraska.

Comes Now, M. Gene Hand, Director of the Communications
Department and Jeffrey Pursley, Director of the Nebraska'
Telephone Infrastructure and .Public Safety Department of the
Nebraska Public Service Commission (Commission) and hereby
provides the Commission notice that it has filed the attached
Broadband Survey in the above-referenced docket.

Dated this, $\frac{20}{40}$ th day of July, 2006

Bv:

M. Gene Hand, Director

Communications Department

Nebraska Public Service Commission

300 The Atrium Building

1200 N Street

Lincoln, Nebraska 68508

| JUL 2 0 2006 | NPSC-Comm. Dept.

Βv

L. Pursky, Director

Nebraska Telephone Infrastructure And Public Safety Department

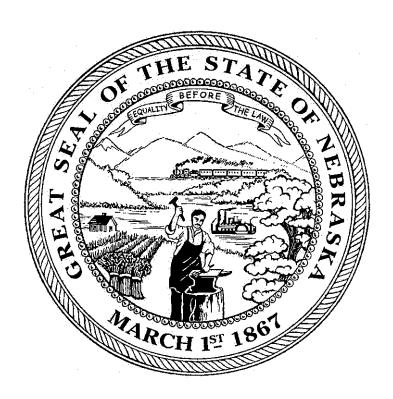
Nebraska Public Service Commission

300 The Atrium Building

1200 N Street

Lincoln, Nebraska 68508

Nebraska Public Service Commission



Broadband Survey

Released: July 2006

INTRODUCTION

A. Statutory Authority

a national goal that the Federal Communications Commission (FCC) and each state commission with regulatory jurisdiction over telecommunications services shall encourage the deployment of advanced telecommunications capability to all Americans on a reasonable and timely basis.' This section of the Act also requires the FCC to report on the availability of advanced telecommunications capability to all Americans. Consistent with this provision the FCC tracks data on broadband deployment in the United States and reports its findings to Congress on a regular basis. The most recent FCC report is its Fourth Report to Congress issued on September 9, 2004.²

Following the passage of the Act, the Nebraska Legislature gave the Nebraska Public Service Commission (Commission) the authority to implement the provisions of the Act in Neb. Rev. *Stat.* § 86-122 (2004 Supp.).³ This authority is to be broadly construed in a manner consistent with the Act.⁴ Consistent with Neb. Rev. *Stat.* § 86-323, the Commission is also empowered to promote access to advanced telecommunications and information services in all regions of the state. The Commission has taken steps to gather more detailed and current information on the availability of broadband services in Nebraska.

B. Background

In early 2000, the Commission collaborated with the Iowa Utilities Board to cohost one of the field hearings for the regional Section 706 Federal-State Joint Conference on Advanced Services. The hearing was held in South Sioux City. Officials participating in the hearing included members of the Nebraska Public Service Commission, FCC Chairman William Kennard, Senator Bob Kerrey and commissioners from other states. At the field hearing, various panels gave testimony about the deployment of advanced services. Hearing participants also toured rural areas in the region to observe existing efforts to deploy advanced services.

In 2002, the Commission opened an investigation to monitor broadband deployment in Nebraska. The Commission released its initial broadband report and order in 2003, finding that based on the Nebraska Information Network (NIN) study reported to the Commission by the Nebraska Telecommunications Association (NTA), 82 percent of Nebraska exchanges had broadband infrastructure in place. In the study previously provided to the Commission for its 2003 report, of 597 communities counted, 41 percent of the communities listed had DSL availability and 31 percent of the communities listed had cable modem availability.

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¹ 47 U.S.C. § 706

In the Matter of The Availability of Advanced Telecommunications Services in the United States, FCC Docket No. 04-208, Fourth Report to Congress (September 9, 2004)("Fourth Report").

³ Previously codified in Neb. Rev. Stat. § 75-109. In 2002, the Commission's statutes regarding telecommunications regulation were re-codified in Chapter 86.

On November 3, 2004, the Commission issued an order in NUSF-26 finding that the policy of NUSF high-cost program support should continue to evolve as new technologies are deployed.⁵ The emphasis, the Commission found, should shift from the type of service offered to supporting comparable access, focusing on the capability of the underlying facilities. The Commission found a subsequent proceeding should be opened to adopt standards for deployment of advanced services and to determine whether NUSF high cost program support is needed to ensure access to these services.'

On January 18, 2006, the Commission issued an order to update the broadband information previously collected. The Commission's order is attached as **Appendix A**. The Commission required telecommunications carriers eligible to receive universal service funding to respond to the data request. Responses were solicited from other carriers but there was no requirement for them to respond. Accordingly, the Commission considers the attachments as providing baseline or floor numbers as to actual broadband deployment. The Commission is aware that there are other Internet service providers in the state that did not respond to the survey for various reasons.

Description of Information Solicited and Provided

The FCC defines "advanced services" to mean services and facilities producing 200 kbps upstream and downstream transmission speed or greater. For the purposes of the Commission's broadband investigation, the Commission adopted this definition for what is considered advanced service capability or "broadband". In today's market however, broadband transmission speeds available are often much higher than the 200 kilobits per second (kbps) threshold. As the appendices to this report indicate, broadband services can be delivered through cable technologies, copper and fiber facilities, as well as wireless and satellite technology. In this report access at any speed has been classified as "Internet Access."

The Commission sought information on broadband and high-capacity transmission services by county and city. Carriers were asked to specify the speeds at which each service was delivered, the type of transmission facility, the price, the number of potential households in each area that can be served, and the number of subscribers in each area. Survey data contained in this report was filed by carriers during the January 2006 though March 2006 comment period. The information included in the attachments is based wholly on the survey responses provided by the carriers.

Much of the data is considered confidential and proprietary by the carriers and the Commission. Accordingly, the information included in the attachments is reported on an aggregated basis and not broken out by specific company to comply with confidentiality requirements.

Appendix B shows the companies responding to the survey

⁵ See Application No. NUSF-26, *In* the *Matter of* the Nebraska Public Service Commission, on its *own* motion, seeking *to* establish a long-term universal service funding mechanism, Findings and Conclusions, ¶ 34 (November 3,2004).

⁶ See id., ¶ 85.

The Commission has directed staff to continue to seek information on the status of broadband deployment and intends to continue to update this information on at least an annual basis. The Commission will affirmatively pursue information on new technologies, such as the satellite service known as Wild Blue.

D. Summary of Information Reported

Appendices C, D, and E show the information reported to the Commission in responses to its survey. Table 1 below provides an overview of the reported data at a county level. A county was considered to have broadband access if one or more incorporated places within the county had one or more broadband service providers. The table also shows the total number of counties in which the four different technologies were available. Table 2 provides a similar report of access at the incorporated place level.⁸

The attached appendices show the following information:

- Appendix C shows the of service offerings by county.
- Appendix D shows the number of service offerings by incorporated place.
- Appendix E identifies service providers and shows the types of service offerings by incorporated place.

Appendix D requires some explanation. It should not be interpreted to suggest that residents outside incorporated places lack access to broadband service. The survey shows there are residents outside incorporated places that do have access to broadband services. The responses to the survey, however, did not micro-analyze the services available outside incorporated places. In other words, at this time there is not sufficient data available to show what specific percentage of Nebraska residents living outside incorporated places have access to broadband.

The Commission has directed staff to continue more specific and granular investigation of broadband availability in Nebraska both within incorporated places and outside incorporated places. This will enable the Commission to better determine the extent of broadband availability to the 384,382 residents living in rural areas outside the incorporated places.

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In compiling the survey responses, Commission staff applied the information to "incorporated places," as defined in a Nebraska Department of Economic Development's (DED) table entitled Population of Nebraska *Incorporated* Places. See http://info.neded.ora/stathand/bsect5c.htm. These incorporated places approximately correspond with the cities for which survey responders provided information. The DED table lists 535 incorporated places and their population based on Census estimates from 2004.

⁹ Survey responses from the following carriers indicated service to all subscribers throughout the carrier's exchanges, which include areas outside incorporated places: Arlington Telephone, Blair Telephone, BWTelcom, Clarks Telecom, Diller Telephone Company, Eastern Nebraska Telephone, Glenwood Telephone, Hamilton.net, Hartington Telecommunications Company, Inc., Hershey Cooperative Telephone, Hooper Telephone Company, Keystone-Arthur, Mainstay Communications, Mobius Communications (Hemingford), Northeast Nebraska Telephone Company, Pierce Telephone Company, Inc., Rock County Telephone, Stanton Telecom, Inc.

Summary of Data :	at a County Level		
		Number of Counties	% of Total Counties
Counties with Internet Access		93	100%
Counties with Broadband Access (≥ 200 kbps)		93	100%
	Service Type		
	Cable Modem	50	53.8%
	DSL	90	96.8%
	Satellite	43	46.2%
	Wireless	59	63.4%
Number of Broadband Service Providers in a County			
	Number of Service Providers in a County		
	1 .	1	1.1%
,	2	6	6.4%
	3	14	14.9%
	4	25	26.6%
	5	15	16.0%
	6	7	7.4%
	7	12	12.8%
	8	6	6.4%
	9	4	4.3%
	10	2	2.1%
	11	1	1.1%

Table 2

Summary of Data at Inco	orporated Place (I	Level		
		Number of IPS	% of Total IPs	% of Population in IPs
Incorporated Places in Nebraska		535	100%	100%
Incorporated Places with Internet Access		535	100%	100%
Incorporated Places w/ Broadband Access (≥ 200 kbps)		488	91.2%	99.6%
	Service Type			
	Cable Modem	142	26.5%	85.2%
		409	76.4%	97.2%
	Satellite	113	21.1%	9.8%
	Wireless	229	42.8%	45.9
Number of Broadband Service Providers in an IP				
	Number of Service Providers in an IP			
	0	47	8.8%	
	1	190	35.5%	
	2	160	29.9%	
		102	19.1%	
	4	22	4.1%	
	5	5 .	0.9%	
	6	5	0.9%	
	7	4	0.7%	

Incorporated Places with five or more service providers:

Alliance

Bridgeport Broken Bow

Chadron

Gothenburg

Grand Island

Holdrege

Lexington

McCook

Minden

North Platte

Ogallala

Scottsbluff

Sidney

BEFORE THE NEBRASKA PUBLIC SERVICE COMMISSION

In the Matter of the Nebraska) Application No. C-2831/NUSF-51/
Public Service Commission, on) PI-67
its own motion, seeking to) investigate telecommunications infrastructure development in) INFORMATION
Nebraska.) Entered: January 18, 2006

BY THE COMMISSION:

OPINION AND FINDINGS

Nebraska Public Service Commission (Commission) The initiated this docket on its own motion on November 5, 2002, to investigate telecommunications infrastructure development in Nebraska. Specifically, the Commission surveyed carriers on the pace of broadband deployment. In its December 20, 2005, order, the Commission sought to broaden its initial inquiry and sought updated .information on the development of broadband technology. The Commission received questions regarding the initial comments: The Commission realized that some of the questions may not be as clearly stated as intended. Accordingly, the Commission suspended the comment cycle so that it could clarify its questions regarding the information sought.

Attached to this order and incorporated herewith is a high-capacity survey with instructions. and Respondents should complete the attached survey which is also posted on the Commission's website for the convenience of the providers in lieu of answering the initial questions posted in the Commission's December 20, 2005, order. Carriers should. utilize the Commission's website at www.psc.state.ne.us download the Microsoft Excel template worksheet. Responding parties should add data to the relevant columns. worksheet, then save the worksheet with a filename which includes the responding 'party's name and file the worksheet electronically with the Commission. Respondents may supplement .theworksheet with any relevant data.

All eligible telecommunications carriers (ETC) are required to complete the survey and file the requested information with the Commission by February 28, 2006. All other broadband service providers are strongly encouraged to complete the survey on or before the February 28, 2006, deadline. Any responding party, including those mandatory responders, may file individually or collectively with other parties. Respondents wishing to keep their data confidential should file a request for confidential treatment with the Commission concurrent with

Application No. C-2831/NUSF-51/PI-67

Page 2

their response. Any such request should include the specific type of data the party wishes to be treated as confidential.

Persons filing comments should file five (5) paper copies and one (1) electronic copy of their comments. Confidential information should be clearly marked.

ORDER

IT IS THEREFORE ORDERED by the Nebraska Public Service Commission that the above-captioned investigation be revised as provided herein.

IT IS FURTHER ORDERED that all eligible telecommunications carriers (ETCs) are required to complete the survey and electronically file survey responses on or before February 28, 2006.

IT IS FURTHER ORDERED that all other interested parties complete the survey and electronically file survey responses on or before February 28, 2006.

MADE AND ENTERED at Lincoln, Nebraska this 18th day of January, 2006

NEBRASKA PUBLIC SERVICE COMMISSION

COMMISSIONERS CONCURRING:

//s// Lowell C. Johnson

//s// Rod Johnson //s// Frank E. Landis

//s// Gerald L. Vap

ATTEST:

Executive Director

NEBRASKA PUBLIC SERVICE COMMISSION **BROADBAND AND HIGH-CAPACITY SURVEY**

BROADBAND-SECTION 1 - INSTRUCTIONS AND DEFINITIONS

<u>Column</u> Instruction / Definition County County where broadband service is available.

City City where broadband service is available. For areas served outside of the city limits, those subscribers should

be assigned to the city or town from which they receive or could receive broadband service.

Service Provider The name of the broadband service provider.

Service Name/Type of broadband access provided (i.e., DSL). Rate: Non-Recurring Non-Recurringcosts billed to the customer (installation),

Rate: Recurring Recurring costs billed to the customer - including the monthly recurring charge, rental charges for equipment,

Rate: Term Term of contract, if applicable. if the broadband service provider has different rates based upon length of

contract. list all applicable.

Speed: Up (kbps) Speed for upload in kbps. Speed: Down (kbps) Speed for download in kbps.

Type: Cable Modem Check box for yes. Type: DSL Check box for yes. Type: Satellite Check box for yes. Type: Wireless Check box for yes.

Type: Other Check box for yes. Please provide a footnote detailing information regarding the service provided

Potential Subscriber Households Number of ALL potential subscriber households in the reporting area. Potential Broadband Households Number of households where broadband service is currently available. **Current Broadband Households** Current number of households subscribing to broadband service.

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NEBRASKA PUBLIC SERVICE COMMISSION

NEBRASKA PUBLIC SERVICE COMMISSION BROADBAND AND HIGH-CAPACITY SURVEY HIGH-CAPACITY - SECTION 2 - INSTRUCTIONS AND DEFINITIONS

Column Instruction/ Definition

County Where broadband service is available.

City where broadband Service is available. For areas served outside of the city limits, those subscribers should

be assigned to the city or town from which they receive or could receive broadband service.

Service Provider The name of the broadband service provider. Fiber: Served By Check box for yes if serving plant is fiber.

Fiber: Subscribers Number of current subscribers to DS-1 or higher speed service provided over fiber.

DS-1: Available Check box for yes.

DS-1: Subscribers Number of current subscribers.

DS-3: Available Check box for yes.

DS-3: Subscribers Number of current subscribers.

Other: Capacity Speed of High Capacity connection available greater than DS-3. List multiple services on separate rows.

Other: Subscribers Number of current subscribers.

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bsc	Capacity	bsc	Available	bsc	Available	bsc	We			
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Nebraska Public Service Commission Broadband Survey Appendix B Responding Service Providers

Access Direct
Allo Communications
Alltel
Applied Communications
Arlington Telephone
ATC Communications
ATCjet.net
Blair Telephone
BWTelcom
Cable One
Charter Communications
Citizens Te ecommunicat ons Company of Nebraska
Clarks Telecom
ConsolidatedTelco
ConsolidatedTelecom
ConsolidatedTelephone
Cox Communication
Cozad Telephone Co.
Curtis Telephone Co.
Dalton Telephone Company, Inc.
Diller Telephone Co.
Diode Communications
Eastern Nebr Telephone
Elsie Communications, Inc.
FiberComm
Galaxy Cablevision
Glenwood Telecomm.
Glenwood Telephone
Golden West Telecommunications Coop.

Great Plains Communications
Hamilton.net
Hartington Telecommunications Co., Inc.
Hershey CooperativeTel
Hooper Telephone Co.
HunTel Cablevision
K & M Telephone Co.
Keystone-Arthur
Mainstay Communications
Mainsty Satellite
Mobius Communications
NCTC
NCTC/ Dereg
Northeast Nebraska Tel. Co.
OrbitCom
Pierce Telephone Co.,Inc
Pinpoint Communications
Plainvew Telephone Co.
Qwest Communications
Rock County Telephone
Southeast Nebraska Telephone Company
Stanton Telecom, Inc.
Three River Telco
Time Warner Cable
United Telephone of the West

Viaero Wireless

Vivian Telephone Company

Nebraska Public Service Commission Broadband Survey

Appendix C Number of Service Offerings by County

County	Cable Modem	DSL	Satellite	Wireless	Other
Adams	. 1	6		. 11	
Antelope	3	6	3	8	
Arthur		2	1	•	
Banner				1	
Blaine		5	2		
Boone		5	4	7	
Box Butte	1	5 .	1	3	
Boyd .	·	6		71/000011	
Brown		6			
Buffalo	. 11	8	5	8	
Burt	3	8			
Butler	1	9		1	
Cass	8	11	,		
Cedar	3 .	6	1		
Chase	1	2 .	4	3	
Cherry		11	5		
Cheyenne	•	4	7	6	
Clay	5	7	1	10	
Colfax		4			
Cuming	3	5	3		
Custer	1	16	16		
Dakota	. 1	7		1	
Dawes	1	5	4	5	
Dawson	4	8	7	4	
Deuel		1	2	2	
Dixon	3	8	1		
Dodge	·1	11	4		
Douglas	5	11			
Dundy			2	1	
Fillmore	5	6		3	
Franklin	1	5		7	·
Frontier	-	2	5	·	
Furnas		5	8	9	
Gage	4	11		8	

Appendix C Number of Service Offerings by County

County	Cable Modem	DSL	Satellite	Wireless	Other
Garden		4	2	3	
Garfield		1			
Gosper	1	2	2	·	
Grant		5	1	. 1	
Greeley		4	2	3	-
Hall	4	5	1	10	
Hamilton		8 -		8	
Harlan	1	4	2	2	
Hayes		3	3	3	
Hitchcock		4	8	3	
Holt		10	2	2	
Hooker		3	1		
Howard	2	7	2	11	
Jefferson	2	6	1	7	
Johnson	4	4			
Kearney	3 .	9	1	8	
Keith	1	7	4	3	
Keya Paha		4			
Kimball		1	1	3	
Knox		10	9	2	
Lancaster	6	12		. 7	
Lincoln	1	11 ·	9	10	
Logan		3	3	2	
Loup		3	1		
Madison	3	7		6	
McPherson		2	1		
Merrick	-	7	2	8	
Morrill -	2	4	2	3	
Nance		3.	1	3	
Nemaha	1	7			
Nuckolls		4		1	
Otoe	4	9			
Pawnee	2	5			
Perkins	1	5	7	4	
	1	J			

Appendix C Number of Service Offerings by County

County	Cable Modem	DSL	Satellite	Wireless	Other
Pierce	3	3		1	
Platte ·	1	7		5	
Polk		5		4	
Red Willow	. '	6	6	1	
Richardson	2	11			
Rock		3			
Saline	5	7		12	
Sarpy	6	8		•	
Saunders	2	13			
Scotts Bluff	7	6	2	11	
Seward	3	9	1	9	
Sheridan		6	6	1	
Sherman	2	6	2		
Sioux		1	1	1	
Stanton	-1	. 1		2	
Thayer	2	9	4	3	
Thomas		5	3	1	
Thurston	1	4			
Valley	1	5	1	1	
Washington	•	7	1	<u></u>	
Wayne	3	6			
Webster		5	11	6	
Wheeler		2		2	
York	2	7		13	

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Nebraska Public Service Commission Broadband Survey

Appendix D

opulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other	
Abie	. 0			•			
Adams	2		 1		1		
Ainsworth			<u>.</u> 1				
Albion	3		<u>·</u> 1		2		
Alda	3	 1	•		2		
Alexandria	1		1		· · - -		
Allen	1		<u>:</u> 1				
Alliance	8	1	4	1	2		
Alma	3	1	<u>·</u> 1		1		
Alvo	0	-	· <u> </u>		'		
Ames	. 1		1		···		
Amherst	4	 1	<u>·</u> 1	1	1		
Anoka	0			•			
Anselmo	3	·	2	1			
Ansley	2		1	<u>.</u> 1		·	
Arapahoe	3		•	<u>'</u> 1	 . 2		
Arcadia	4		3	: 1			
Archer	2		1	1			
Arlington	1		<u>.</u>	· ·			··
Arnold	3		<u>·</u> . 1	2		·	
Arthur	. 5		4	1			
Ashby	2		2	•	<u> </u>		
Ashland	2	1	1				
Ashton	2						
Atkinson	2		2				
Atlanta				1			
Auburn	2	1	1		<u>'</u>		
Aurora	2	·	1		1		
Avoca			. ' 1				
Axtell	4	1	1		2	·	
Ayr	2	<u> </u>		· · · · · · · · · · · · · · · · · · ·	2		
Bancroft			1	1			
Barada			. '	,		·	
Barneston	<u>.</u> 1		1				
Bartlett	2				1		
Bartley			1	1			
Bassett				<u></u>			-
Battle Creek	3	1	1		1		
Bayard	. 4	1	1	1	<u>-</u> <u>-</u> 1		
Bazile Mills			'		I		

opulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other	
Beatrice	3	1	1		1		
Beaver City	3		1	1	1		
Beaver Crossing	2		1		1		
Bee	1				1		
Beemer	3	1	1	1	··· · · -		
Belden	2	1	<u>.</u> 1	<u> </u>			
Belgrade		•	1	1	1		
Bellevue	2	1	1				
Bellwood	1	<u></u>	1				-
Belvidere	0		•				
Benedict	2		1		1		
Benkelman	1			1	····		· · · · · · · · · · · · · · · · · · ·
Bennet	3	1	1	<u> </u>			
Bennington	3		2	_	<u> </u>		
Bertrand	4	<u>'</u>	 1	1	1		
Berwyn				<u>'</u>	··································		
Big Springs	3		1	1	1		
Bingham	3		3				
Bladen	2		1		 1		
Blair	1		1				
Bloomfield	2		1	1			
Bloomington	2	·	' 1		1		
Blue Hill	2		1		.' 1		
Blue Springs	1	1	<u>'</u>		<u>_</u>		
Boelus	3		2 -		1		-
Boys Town	1		1		'		
Bradshaw	3		1		2		
Brady	4		2	1	1		
Brainard	· 1		<u>2</u> 1	· · ·	I		
Brewster	4	· · · · · · · · · · · · · · · · · · ·		1			
Bridgeport	5	1	3	•	1		
Bristow		<u>.</u>	ა 1		1		
Broadwater	2						
Brock	····· · · · · · · · · · · · · · · · ·		1	· I	1		
Broken Bow		1	3	2			
Brownlee	1 ·		1				
Brownville			1				
Brule	. 2			1			
Bruning	3		1		1		
Bruno	- · <u>3</u> 1	1			1		
Brunswick	2		1				
Birchard	2 1:		1		1		

pulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other	
Burr	1	·	1				
Burton	1		1		···		
Burwell	3		3				
Bushnell	1				1		
Butte	1		1				
Byron	2		1	1			
Cairo	· 4	1		1	2		
Callaway	3		1	2			
Cambridge	4	· · · · · · · · · · · · · · · · · · ·	1	1	2		
Campbell	2		1		1		
Carleton	1		1		· 		
Carroll	2	1	1				
edar Bluffs .		· · · · · · · · · · · · · · · · · · ·	: 1				
Cedar Creek	0		•				
Cedar Rapids	4		- 1	1	2		
Center	2		<u>'</u>	1			
Central Citv	4			<u>-</u>	2		
Ceresco	1	· · · · · · · · · · · · · · · · · · ·					
Chadron	9	.1	4	. 2	2		
Chambers	2	<u> </u>	1		<u></u>		
Chapman	3		 1	1	<u>'</u>		
Chappell	2			<u>'</u>	<u>'</u> 1		
Chester	2		1	1			
isco	1		· · ·		1		
Clarks	6		4				
Clarks-Lakes	1		<u>·</u>	- ··	-		
larkson	1		<u>·</u> 1			·	
latonia	3	1	1		1		
lay Center	3	<u>.</u> 1	1		1	**	
learwater	2	⁻ .	<u>·</u> 1		<u></u> 1		
linton	. 0						
ody	2		1	1 .			
oleridge	1		1	<u> </u>	· · · · · · · · · · · · · · · · · · ·		
olon	1		<u>:</u> 1				
olumbus	2	1	<u>-</u> 1				
omstock	3	· · · · · · · · · · · · · · · · · · ·	2	1			
oncord	1		1				
ook	2	1	1				
ordova	2		1				
omlea	1				<u>-</u>		<u> </u>
ortland		·	1				
otesfield	3		<u>'</u> 1	1	1		

pulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other
Cowles	1		-		1	ı
Cozad	3	1		1	1	
Crab Orchard	0					
Craig	1		1			···
	4		1	1	2	
Creighton	3		1		<u></u>	
Creston	1	·	<u> </u>		1	
	4	1	1		2	
Crofton	2		1	1		
Crookston	2		1	1		<u> </u>
Culbertson	4		1	2	1	
Curtis	1		'	1		······································
Cushing	<u>'</u> 1					
Dakota City	 1		1		1	
Dalton	3			2	1	······································
Danbury				1	1	<u></u>
Pannebrog	3		1		. 2	·
Pavenport	2	1	<u>'</u> 1			
Davey	1	I	1			
avid City	2	1	1			
Dawson		l l			•	
aykin	. 2		1	<u> </u>		
ecatur			1 .		1	
enton	1	Ā	1			
eshler	2	. 1	1			
)eweese	2		1	11		
Pewitt	1			1		
Dickens	3	1	1		1	
oickens —— Diller	1			1		
oniei Dix	2		1		1	
	1				1	
lixon Jodge	1	·	1			
	2		1	1		
oniphan	3		1		2	
orchester	4	. 1	1		2	
ouglas	1		1			
u Bois	1					
unbar	11		1			
luncan	1	·	1			
unning	. 6	·	5	1		
wight	2		1		1	
agle	2	11	1			
ddyville	2			2		

opulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other
Edgar	2	1	1			
Edison	3		1	1	1	
Elba	2		1		1	
Elgin	4	1	1	1	1	
Elk Creek	1		1			
Elkhorn	3	1	2			
Ellis	1				1	
Ellsworth	1			1		
Elm Creek	3	. 1		1	1 .	· ·
Elmwood	2	1	1			
Elsie	1			1		
Elwood	2		1	· 1		
Elyria	0					
Emerson	1					
Emmet						
Endicott	0					
Ericson	2		1		1	
Eustis			3	1	•	
Ewing	2		1	1		and the second of the second o
Exeter	3	1	_ <u>-</u>	<u>'</u>	1	
Fairbury	3	<u>'</u>	<u>'</u> . 1		' 1	
Fairfield	3	1	1	···	1	
Fairmont		1	1		1	
Falls City	2		-			
Farnam		1	1	1		
Farwell						
Filley	2			1	11	
Filley Firth	1		1		· · · · · · · · · · · · · · · · · · ·	
	. 2		1		1	
Fordyce	0					
Fort Calhoun	1		1			
Foster	0	·				
Franklin	3		1		2	
Fremont	3		2			
Friend	4	1	11		. 2	
Fullerton	2					
Funk	3		1		2	
Gandy	2			11	1	
Garland	2		1		1	
Garrison	0	· · · · · · · · · · · · · · · · · · ·				
Geneva	2	11	1	· · ·		
Genoa	1		1			
Gering	4	1	1	1	1	

pulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other	
Sibbon	4	1 .	2		. 1		
Gilead	1				1		
Giltner	3		1		2		
Gladstone	1	· · · · · · · · · · · · · · · · · · ·			1		
Glenvil	3		1		2		·
Goehner	1				1		
Gordon	2		1	1			
Gothenburg	6	1	3	1	1		
Grafton	2		1		1		
Grainton	2			1	1		
Grand Island	6	1	3		2		
Grant	5	1	1	2	1		
Greeley Center	2		1		1		
Greenwood	2	1	1				
Gregory	1		1				
Gresham	2		1		1		
Gretna	3	1	2				
Gross	0						
Guide Rock	3		1		2		
Gurley	2			1	1		
	2	1		·	1	***	
Haigler	. 2			1	1		
Hallam	3	1	1		1		
Halsey	3	······································	2	1			
Hamlet	2			1	1		
Hampton	2		1		1		
Hanson	1		1	•			
Harbine	2		1		1		
Hardy	0	·					
Harrisburg					1		
Harrison	3		1	1	1		
Hartington	1		1				
Harvard	4	1	1		2 .		
Hastings	4	. 1	1		2 .	·	
Hay Springs	3		1	1	1		
Hayes Center	4 .		1	2	1		
Hazard	1			1			
Heartwell	2		1		1		
Hebron	2		1		<u>·</u> 1	· · · · · · · · · · · · · · · · · · ·	
Hemingford	2				<u>`</u> 1		
Henderson	4		<u>:</u> 1		3		
Hendley	1		<u> </u>		······································		

Population Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other
Henry	1				1	
Herman	2		1	1		
Hershey	4		1	1	2	
Hickman	3	1	1		1	
Hildreth	4	1	1		2	
Holbrook	2			1	1	
Holdredge	1		1			
Holdrege	5	1	2	. 1	1	
Holstein	2		1	· · · · · · · · · · · · · · · · · · ·	1	· · · · · · · · · · · · · · · · · · ·
Homer	2	1	1			
Hooper	3		3			
Hordville	2		1		1	
Hoskins	3	. 1	2			
Howard City	1				1	
- Howells	0					
Hubbard	1		1			
Hubbell	2		1	1		****
Humboldt	2	1	1:			
Humphrey	. 3		2	•	 1	
Huntley				1		
Hyannis	5		3	1	1	<u>.</u>
Imperial	5		1	2	1	
Indianola	4	1	1	2		
Inglewood	· 1		1			·
Inman	1 .		1			
Ithaca	, 1	· · · · · · · · · · · · · · · · · · ·	1			
Jackson	. 1		1			
Jansen	2		1		1	
Johnson	2	1	1			
Johnson Lake	1	1				
Johnstown	1		1			
Julian	1	•	1			
Juniata	3		1		 2	-
Kearney	3	 1	1			1 42
Kenesaw	3		 1		2	
Kennard	1	-	1			
Keystone	1		<u>·</u> 1			
Kilgore	1		-	· 1		<u> </u>
Kimball			1	<u>'</u> 1	1	
La Vista	. 1		1	·	·	
Lakeside	2			1		
Lamar	2				1	

opulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless Oth	<u> </u>
Laurel	_. 1	. 1			÷	
LaVista	1	1				
Lawrence	. 2		1		1	
Lebanon	1			1		
Leigh	1		1			
Lemoyne	1		1			
Leshara	. 0					
Lewellen	3		1	1	1	
Lewiston	0					
Lexington	6	1	3	. 1	1	· · · · · · · · · · · · · · · · · · ·
Liberty	1		1			
Lincoln	3	1	1		1	<u>. </u>
Lindsay	2		1		1	
Linwood .	1		1		·	
Litchfield	. 4	1	2	1		····
Lodgepole	3	<u> </u>		2	1	
Long Pine	1		1		<u> </u>	
Loomis	3	1	•	1	1	:
Lorton		<u> </u>		<u> </u>	<u> </u>	W 1000 1110 1
Louisville		1	1	• •		
Loup City	1	1				
Lushton	1				1	
Lyman	2		1		<u>-</u> <u>'</u>	
Lynch	2		2		<u> </u>	
Lyons	1	1				······································
Macy	<u>'</u> 1		1			
Madison	3	1	1		1	· · · · · · · · · · · · · · · · · · ·
Madrid	3		1	1		
Magnet	0		'	1	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Malcolm			4			
Malmo	1		1			
Manley	0		1			
Marlsand						
Marquette	1		·	1		
Marsland	2		1		1 .	
Martell	0	·				
Martinsburg	1		1			
	1		. 1			· · · · · · · · · · · · · · · · · · ·
Maskell	1		1			
Mason City	.2		1	1		
Maxwell	4		1	1	2	
Maywood	4		3	1		·
McCook	6		4	1	1	

Population Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other
McCool Junction	3	1	1		1	
McGrew	1				1.	***************************************
McLean	0					
Mead	1		1			
Meadow Grove	2		1		1	
Melbeta	2	1			1	
Memphis	0					
Merna -	2		1	1		
Merriman	2		1	1	·	
Milford	4	1	1	1	1	
Miller	3	1	1	1		
Milligan	2	1	1	-		
Minatare	3	 1	1		1	
Minden	6	1	3		2	
Mirage Flats				1		
Mitchell	3	1.	1	· · · · · · · · · · · · · · · · · · ·	1 .	
Monowi	1		1			
Monroe			1			
Moorefield				1		
Morrill	3	1	1	·····	1	
Morse Bluff	<u>-</u> 1	············	1		· ·	
Mullen	3		<u>-</u>	. 1	<u>:</u>	
Murdock	2		1	<u>-</u>		
Murray	2 .	1	1			
Naper	2		2			··· · ·
Naponee	. 1	·	1			
Nebraska City	2	1	1			
Nehawka	1		1			······································
Neligh	4	1	1	1	1	<u></u>
Nelson	1		1			
Nemaha	1		1			
Nenzel	0					
Newcastle	1		1			·
Newman Grove	3		1		2	
Newport .	1		1			1.14
Nickerson	0					
Niobrara	2		1	1		
Nora	0					
Norfolk	4	· 1	2		1	
Norman	2	····	1		<u>-</u>	
North Bend	2		<u>'</u>	1		
North Loup	. <u></u>		. 1			

 $[\]label{lem:condition} \begin{tabular}{ll} *Population Centers are defined by the Nebraska Department of Economic Development. \\ The source information can be found at http://linfo.neded.org/lstathandlbsect5c.htm. \\ \end{tabular}$

pulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other
lorth Platte	7	1	3	1	2	
Dak	0					
Dakdale	3		1	1	1	
Dakland	3	1	2			
Obert	. 1		1			
Dconto	3		1	2		
Octavia	0					
Odell	2		1		1	
Odessa	1	1				
Offutt Air Force Base		<u>.</u>	1			
Dgallala	7	1	3	2	1	
Ohiowa	0 ·			<u>_</u>	<u> </u>	
Omaha	3	1	2		·	
D'Neil	1	·	1			
D'Neill	2		1		1	
Ong	. 0				!	
Orchard	2		1		 1	
Ord	3	 1	1	and a second		
Orleans		!	1			
Dsceola	<u>-</u> 1					
Oshkosh			1			
Osmond	3		1	1	1	
	2		1			
Otoe Overton	1		1			
·	3	1		1	. 1	
Oxford	4		1	1	. 2	
Page	2	_	1	1		
Palisade	5	· · · · · · · · · · · · · · · · · · ·	1	2	2	
Palmer.	3	•	1		. 2	
Palmyra	2	1	1			
anama			1		1	
apillion	2	1	1	•	·	
Pawnee City	2	1	1			
Paxton	5		3	1	1	
ender	1	1				
Peru	1		1			
Petersburg	2		1	1		
hillips	2		1		1	
Pickrell	2		1		1	
Pierce	. 3	1	2			
Pilger	2	1			1	
Plainview	1		1			

opulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other	
Plattsmouth	2	1	1				
Pleasant Dale	3	1	1		1		
Pleasanton	4	1	1	1	·		
Plymouth	3	1	<u>·</u> 1	· ·	<u>:</u> 1		
Polk	3		1		2		
Ponca	3		1		<u>-</u>		
Potter -	2		1		1		
Prague	1		1			•	
Preston	<u>1</u>		. 1			· · ·	
Primrose	-3		1	1	1		
Princeton	1				1		
Prosser	1				1		
Purdum	· 4	······································	4				
Ragan	2			1	1		
Raiston	2	1 .	1				
Randolph	2	1	1				
Ravenna	4	· 1	2		1		
Raymond	1		1	.			
Red Cloud	3		1	1	1		
Republican City	1		1				
Reynolds				1			
Richland	0						
Rising City	1		1				
Riverdale	4	1	1	1	· 1		
Riverton	0						
Roca	0					 · .	
Rockville	1	 -	1				
Rogers	0						
Rosalie	1		1				
Rose	1		1	ř			•
Roseland	2		_ 1		1		
Royal	1				1		
Rulo	1		1				
Rushville	2		1	1			
Ruskin	1		1				
Salem	1		1				
Saline Center	1				1		
Santee	0		•				
Sargent	2		1	1			
Saronville	1	•			1		
Schuyler	2	· · · · · · · · · · · · · · · · · · ·	2				
Scotia	1		. 1	,			

Population Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other
Scottsbluff	5	1	1	1	2	
Scribner	2		1	1		
Seneca	4		3	1		······································
Seward	. 3	1	1		1	
Shelby	. 1		1			
Shelton	5	1	3		1	
Shickley	2	1	1			
Sholes	0					
Shubert	1		1			
Sidney	. 7		3	2	.2	
Silver Creek	2				2	
Smithfield	1			1		
Snyder	2		1	1		
South Bend	0					
South Sioux	1		1			
South Sioux City	2		1		1	
Spalding	3		1	1	1	
Spencer	. 1		1			
Sprague	0					
Springfield	3	1	2			
Springview	. 1		1			
St.Edward	4		_ 1	1	2	
St.Helena	0					
St.Libory	3	1	1			
St.Paul	. 4	1	1		2	
Stamford	1		1			· · · · · · · · · · · · · · · · · · ·
Stanton					1	
Staplehurst	2		1		1	
Stapleton	4		1	2	1	
Steele City	0					
Steinauer	1		1			
Stella	1		1			
Sterling	2	1	1			
Stockham	2		1		1	
Stockville	·1			1		
Strang	0					
Stratton	3		. 1	2		
Stromsburg	2		1		1	
Stuart	2		2			
Sumner	3	1 .	1	1		
Superior	1		1			
Surprise	1		1		•	

4		1	2	1		-
3	1	1		1		
2		1		1		
2	. 1	1				
2	1	1				
1		1				
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3	1	2				
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5		3	1	. 1		
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4	1	1		2		
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opulation Center	Service Providers	Cable Modem	DSL	Satellite	Wireless	Other
Vaterbury	2		2			
Waterloo	. Z	1	1			
Wauneta	3		1	1	1	
Wausa	3		1	1	1	
Waverly	2	1	1			
Wayne	3	1	2			
Weeping Water	2	1	1			
Wellfleet	3		1	1	1	
West Point	2	1	1			
Western	2		1		1	
Weston	1		1			
White Clay	1		1		-	
Whitman	3		3			
Whitney	1	•			. 1	
Wilber .	3	. 1	1		.1	
Vilcox	. 5	1	1	1	2	
Wilsonville	2		1	1		
Vinnebago	1		1			
Winnetoon	2		1	1		
Winside	1		1			
Vinslow	1		1			
Wisner	3	1	1	1		
Wolbach	3		1	1	1	
Vood Lake	1			1		
Vood River	3	1			2	
Vymore	3	1	1		1	
Vynot	2		1	1		
ork	4	1	1		2	
⁄utan	1		1			

Nebraska Public Service Commission Broadband Survey

Appendix E

Service Provider and Service Type by Population Center*

Population Center	Service Provide	<u>r:</u>	Cable Modem	DSL	Satellite	Wireless	Other	_
Abie - Population: 109								
	No Broad	lband Service						
	Totals -	0						
Adams - Population: 486		- 						
	Aiitel			1				
	Diode Co	mmunications				1		
	Totals -	2		1		1		
Ainsworth - Population: 1,78	2			_				
	Qwest Co	mmunications		1				
	Totals -	1		1				
Albion -Population: 1,689					<u></u>			
	Citizens T	elecommunicationsCon	n	I				
	Hamilton.					1		
	Viaero Wi	reless				1		
	Totals -	3		1		2		
Aida - Population: 655		•						
·	Charter C	ommunications	1					
	Hamiiton.					1		
	Viaero Wi					1		
	Totals -	3	1			2		
Alexandria -Population: 198			<u> </u>			=		
·	Alltel			1				
	Totals -	1		1				
Allen. Population: 396		<u>-</u>		•		-		
7 mom 1 opalianom coc	Northeast	Nebraska Tel. Co.		1				
	Totals -	1						
Alliance - Population: 8,387	101010	<u> </u>		_1				
Amarice - 1 opulation. 0,301	Alia Come	nunications						
		ommunications	1					
	Hamilton.		'			1		
		ommunications		1		•		
		ommunications		•	1			
	OrbitCom			1	·			
		mmunications		1				
	Viaero Wi					1		
	Totals -	8	1	4	1	2		
Alma - Population: 1,155					_			
•	Citizens T	elecommunications Corr	1	1				
		Communications				1		
		Communications	1					
	Totals -	3	1	1		1		
Alvo - Population: 144								
	No Broadl	oand Service						
	Totals -	0						÷

Appendix E Service Provider and Service Type by Population Center*

		·					
Population Center	Service Provider:		Cable Modem	DSL	Satellite	Wireless	Other
Amherst - Population: 274							
	Access Dire	ect			1		
		mmunications	1				
		lecommunications Com		1			
	Viaero Wire			•		1	
			4	4	4		
	Totals -	4	1	1	1	1	
Anoka - Population: 9							
	No Broadba	and Service					
	Totals -	0					
Anselmo - Population: 153							
	Access Dire	ect			1		
	Consolidate	ed Telephone		1			
	Totals -	2		1	1		
— Ansley - Population: 499							
., ., ., ., ., ., ., ., ., ., ., ., ., .	Access Dire	ect			1		
	NCTC	· were		1	,		
	Totals -	2		1	1		
Avenahaa Dawid-H 070	าบเดเจ -	<u> </u>		1	1		
Arapahoe - Population: 972	,				_		
•	Access Dire				1		
		mmunications				1	
,	Viaero Wire					1	
	Totals -	3			1	2	
Arcadia - Population: 345							
	Access Dire	ect			1		
	NCTC			1			
	Totals -	2		1	1		
Arlington - Population: 1,198							
	Arlington Te	elephone		1			
	Totals -	1		1			
Arnold - Population: 621							
anoid - i opulation. UZ i	Access Dire	act			1		
		ct S Communications		4	1		
		s Communications		1	1		
				4		•	
	Totals -	3		1	2		
Arthur - Population: 128						•	
	Access Dire	A Committee of the Comm			1,		
		d Telephone		1 ·			
	Totals -	2		1.	1		
Ashland - Population: 2,432						,	
	Alltel		-	1			
	Charter Con	nmunications	1				
•	Totals -	2	1	1			
Ashton - Population: 224				•			
	NCTC			1			
		1 .		_			
	Totals -	<u> </u>					
Atkinson - Population: 1,159			· ·				
	OrbitCom			1			
	Qwest Com	munications		1			
	Totals -	2		2			

Appendix E Service Provider and Service Type by Population Center'

Pooulation Center	Service Provider:	Cable Mo	dem DSL	Satellite	Wireless	Other
Atlanta. Population: 130						
·	Access Direct			1		
	Viaero Wireless				1	
	Totals - 2			1	1	
Auburn -Population: 3,109						=
,	Alltel		1			
	Time Warner Cable	1	·			
	Totals - 2	1	1			
Aurora - Population: 4,248	Totalo E	<u></u> '	- '			-
Autora i opulation. 4,240	Hamilton.net		1			
	Viaero Wireless		•		1	
	Totals - 2		1			
Aveca Deputation 275	10(a)3- 2				1	
Avoca - Population: 275	A 114 - 1		4			
	Alltel		1			
	Totals - 1		1			
Axtell - Population: 720						
	Charter Communication	ons 1				
	Glenwood Telecomm.				1	
	Qwest Communication	ns	1			
	Viaero Wireless				1	
	Totals - 4	1	1		2	<u> </u>
Ayr Population: 106						
	Glenwood Telecomm.				1	
	Viaero Wireless				1	
	Totals - 2		_		2	
Bancroft - Population: 497						
	Great Plains Communi	cations		1		
	Great Plains Communi	cations	1			
	Totals 2		1	1		
Barada - Population: 27	· · ·	-				
·	Southeast Nebraska Te	elephone Co	1			
	Totals - 1		1			
Barneston - Population: 123			.			·
Damesteri i opulation. 120	Alltel		1			
	Totals - 1		1			
Danilati Danulatian 444	Totals • I		!			
Bartlett - Population: 114						
	Northeast Nebraska Te	el. Co.	1			
	Viaero Wireless				1	
	Totals - 2		1		1	
Bartley - Population: 348						
	Access Direct			1		
	Pinpoint Communication	ons	1			
	Totals 2	. 	1	1		
Bassett - Population: 672						
	No Broadband Service					
	Totals - 0					

$\label{eq:continuous} \mbox{Appendix E} \\ \mbox{Service Provider and Service Type by Population Center'} \\$

Population Center	Service Provide	er:	Cable Modem	DSL	Satellite	Wireless	Other
Battle Creek. Population: 1,1	172						
	Cable Or	ne	1				
	Citizens ⁻	Felecommunications Com		1			
	Viaero W	ireless				1	
	Totals -	3	1	1		1	
Bayard - Population: 1,172							
	Charter C	Communications	1				
		Communications	·		1		
		elephone of the West		1			
	Viaero W					1	
	Totals -	4	1	1	1	1	
Bazile Mills. Population: 25	-	<u> </u>			'	<u>'</u>	
bazile Willis. 1 opulation. 23	No Proce	Iband Service					
	Totals -	0					- 1.4
Beatrice - Population: 12,945							
	Alltel			1			
		Communications	1				
		mmunications				1	
<u></u>	Totals -	3	1	11		1	
Beaver City- Population: 605	i						
	Access D	Pirect			1		
	Citizens 7	Telecommunications Com		1			
	Pinpoint (Communications				1	
	Totals -	3		1	1	1	
Beaver Crossing - Population	n: 448						
	Alltel			1			
	Viaero W	ireless				1	
	Totals -	2		1		1	
Bee - Population: 219							
Doc 1 opalation. 210	Viaero W	ireless				1	
	Totals -	1				1	
Barratation 700	10tais -						
Beemer - Population: 726	0.11.0		4				
	Cable On		1		4		
		ins Communications			1		
		ins Communications	_	1	_		
	Totals -	3	1	1	1		
Belden - Population: 123							
		lebr Telephone		1			
	HunTel C	ableVision	1				
	Totals -	2	1	1	_		
Belgrade - Population: 122							
	Great Pla	ins Communications			1		
	Great Pla	ins Communications		1			
	Viaero W	ireless				1	
	Totals -	_		1	1	1	
Bellevue - Population: 47,294						-	
abanamanı ılimaı		munication .	1				
		mmunications	'	1	•		
	Totals -	2	4	' 1			
<u> </u>	i Utaia -		1	ı			

$\label{eq:appendix} \mbox{ E} \\ \mbox{Service Provider and Service Type by Population Center}^*$

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Bellwood - Population: 441						
	Alltel		1			
	Totals - 1		1			
Belvidere - Population: 90						
·	No Broadband Service					
	Totals - 0					
Benedict - Population: 272						
benealer - r opulation. 272	Aiitel		1			
	Viaero Wireless		•		1	
	Totals - 2		1		1	
Ponkolmon Ponulation, 020				•	'	
Benkelman .Population: 939	A D' 1					
	Access Direct			1		
	Totals - 1			1		
Bennet - Population: 671						
	Alltel		1		_	
	Diode Communications				1	
	Galaxy Cablevision	1				
	Totals - 3	1	1		1	_
Bennington - Population: 914						
	Cox Communication	1				
	OrbitCom		1			
	Qwest Communications		1			
	Totals - 3	_1	2			
Bertrand - Population: 806						
	Access Direct			1		
	Charier Communication	s 1				
	Citizens Telecommunica	ations Corn	1			
	Viaero Wireless				1	
	Totals - 4	1	1	1	1	
Berwyn - Population: 132					_	
•	Access Direct			1		
	Totals - 1			1		
Big Springs - Population: 404					-	
Dig Optings Topulation: 404	Access Direct					
	Qwest Communications		1			
	Viaero Wireless		•		1	
	Totals - 3		1	1	1	
Diadon Donulation, 270	- Totalo			'	<u>'</u>	
Bladen - Population: 279	CionwoodTalaahaa		4			
	Gienwood Telephone Viaero Wireless		1		Ē	
					4	
<u></u>	Totals - 2		_ 1		1	
Blair - Population: 7,679						
	Blair Telephone		1			
	Totals - 1		_1			
Bloomfield -Population: 1,06	8					
	Great Plains Communic	ations		1		
	Great Plains Communic	ations	1			
	Totals - 2		1	1		

Clizins Telecommunications Com 1	Population Center	Service Provider:	Cable Moder	DSI	Satellite	Wireless	Other_
Citizens Telecommunications Com 1 1 1 1 1 1 1 1 1	Bioomington - Population: 1	117					
Totals 2 1	Ç ,	Citizens Telecommunications Cor	n	1		1	
Glerwood Telephone				1			
Glemwood Telephone	Blue Hill - Population: 815						
Visero Wireless 1 1 1 1 1 1 1 1 1	·	Glenwood Telephone		1			
Blue Springs - Population: 378						1	
Totals		Totals - 2		1			
Totals	Blue Springs - Population: 3	 378					
Boys Town - Population: 915 Qwest Communications 1	, , ,		1				
December Communications 1 1 1 1 1 1 1 1 1		Totals - 1	1				
December Communications 1 1 1 1 1 1 1 1 1	Boys Town - Population: 91	5					
Bradshaw - Population: 325 Altel Hamilton.net Viaero Wireless Totals - 3 1 2 Brady-Population: 376 Access Direct Consolidated Telecom Viaero Wireless 1 1 Totals - 3 1 1 1 1 Brainard - Population: 349 Altel Totals - 1 1 1 1 Brewster - Population: 25 Access Direct Consolidated Telephone 1 1 Consolidated Telephone 2 1 1 Bridgeport - Population: 1,506 Allo Communications 1 OrbitCom 1 Qwest Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 5 1 3 1 1 Bristow - Population: 82 Northeast Nebraska Tel. Co 1 Totals - 1 1 1 Broadwater - Population: 136 Access Direct Viaero Wireless 1 Totals - 2 Access Direct Viaero Wireless 1 Totals - 2 Brock - Population: 149 Altel 1 1				1			
Alite Hamilton.net Viaero Wireless Totals - 3		Totals - 1		1			
Alite Hamilton.net Viaero Wireless Totals - 3	Bradshaw - Population: 325						
Viaero Wireless Totals - 3	•			1			
Totals		Hamilton.net				1	
Brady-Population: 376		Viaero Wireless					
Access Direct Consolidated Telecom Viaero Wireless 1 Totals - 3		Totals - 3		1		2	
Consolidated Telecom 1	Brady- Population: 376						
Viaero Wireless 1 1 1 1 1 1 1 1 1		Access Direct			1		
Totals		ConsolidatedTelecom		1			
Alltel 1 Totals - 1 1		Viaero Wireless					
Alltel Totals - 1 1 1 1 1 1 1 1 1 1		Totals - 3		1	1	1	
Totals - 1	Brainard - Population: 349						
Access Direct Consolidated Telephone 1		Alltel		1			
Access Direct Consolidated Telephone 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 _	Totals - 1		1			
Consolidated Telephone 1 1 1	Brewster - Population: 25						
Totals - 2					1		
Allo Communications				1			
Allo Communications 1 Charter Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 5 1 3 1 Bristow Population: 82 Northeast Nebraska Tel. Co 1 Totals - 1 1 Broadwater - Population: 136 Access Direct Viaero Wireless 1 Totals - 2 Brock - Population: 149 Alltel 1			1000 0000	1	1		
Charter Communications	Bridgeport - Population: 1,5						
OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 5 1 3 1 Broadwater - Population: 82 Northeast Nebraska Tel. Co 1 1 Totals - 1 1 Access Direct Viaero Wireless 1 Totals - 2 Brock - Population: 149 Alltel 1				1			
Qwest Communications 1			7	1			
Viaero Wireless 1 Totals - 5 1 3 1 Broadwater - Population: 136 Access Direct Viaero Wireless 1 Totals - 2 Brock - Population: 149 Alltel 1 Alltel 1				-			
Totals - 5 1 3 1 Bristow Population: 82 Northeast Nebraska Tel. Co 1 Totals - 1 1 Broadwater - Population: 136 Access Direct Viaero Wireless 1 Totals - 2 Brock - Population: 149 Alltel 1				•		1	
Bristow - Population: 82 Northeast Nebraska Tel. Co Totals - 1 1 Broadwater - Population: 136 Access Direct Viaero Wireless Totals - 2 Brock - Population: 149 Alltel 1			1	3			
Northeast Nebraska Tel. Co	Bristow Population: 82	1000	<u>-</u> _				
Totals - 1 1 Broadwater - Population: 136 Access Direct Viaero Wireless Totals - 2 Brock - Population: 149 Alltel 1	Bristow i opulation. 62	Northeast Nebraska Tel. Co		1			
Broadwater - Population: 136 Access Direct Viaero Wireless Totals - 2 Brock - Population: 149 Alltel 1							
Access Direct	Broadwater - Population: 13						
Viaero Wireless Totals - 2 Brock - Population: 149 Alltel 1	Broadwater - Population. 13						
Totals - 2 Brock - Population: 149 Alltel 1						1	
Brock - Population: 149 Alltel 1						•	
Alltel 1	Brock - Population: 140	. 51010					
	₽100K=1 0pulati011. 149	Alltel		1			
1 O(d) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
		. 5.410					

Population Center	Service Provid	er:	Cable Modem	DSL	Satellite	Wireless	Other
Broken Bow - Population: 3,3	340						
	Access	Direct			1		
	Allo Con	nmunications		1			
	Great Pl	ains Communications			1		
		ains Communications	1				
	OrbitCor			1			
		communications		1			
	Totals -	6	1	3	2		
Brownville - Population: 138							
	Alltel			1			
,	Totals -	1		1			
Brule - Papulation: 337							
	Access I				1		
	Viaero V	/ireless				1	
	Totals -	2			1	1	
Bruning Population: 265							
	Alltei			1			
		ommunications				1	
		Cablevision	1				
	Totals -	3	1	1		1	
Bruno - Population: 105							
	Alltel			1			
	Totals -	1 		1			
Brunswick - Population: 169							
		Telecommunications Com	1	1			
	Viaero W					1	
	Totals -	2		1		1	<u> </u>
Burchard - Population: 96							
	Alltel			1			
	Totals	11		1			
Burr - Population: 65							
	Alltel			1			
	Totals -	1		_1			
Burton - Population: 10							
		ver Telco		1			
	Totals -	1		1			·
Burweil - Population: 1,080							
	NCTC			1			
	Totals -	1		1			
Bushnell - Population: 148							
	Viaero W	/ireless				1	
•	Totals -	1				1	•
Butte - Population: 346							
	Northeas	st Nebraska Tel. Co.		1			
	Totals -	1		1			

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Byron. Population: 132						
,	Great Plains Communicat	tions		1		
	Great Plains Communicat		1			
	Totals - 2		1	1		
Cairo - Population: 789					-	
odiio i opalation. 100	Charter Communications	1				
	Hamilton.net	•			1	
	Mainsty Satellite			1	•	
	Viaero Wireless				1	
	Totals - 4	1		1	2	
Calleuren Donulation: 629				•	- <u>-</u>	
Callaway - Population: 628	Annan Dinant			1		
	Access Direct	iiono		1		
	Great Plains Communicat Great Plains Communicat		1	'		
		IUIIS	1	2		
Occidentation Description	Totals - 3		I	<u>∠</u>	-	
Cambridge - Population: 992						
	Access Direct			1		
	Pinpoint Communications		1		А	
	Pinpoint Communications				1	
	Viaero Wireless		4	4	١	
	Totals - 4		1	1		
Campbell - Population: 367						
	Glenwood Telephone		1		4	
	Viaero Wireless				1	
	Totals - 2		1_		1	
Carleton - Population: 125						
	Alltel		1			
	Totals - 1		1			
Carroll - Population: 219						
	Eastern Nebr Telephone		1			
	HunTel CableVision	1				
	Totals - 2	1	1			
Cedar Bluffs. Population: 6						
.,	Alltel		1 ·		•	
	Totals - 1		1			
 Cedar Creek - Population: 40		,				
Journ Orock - i Opulation. 40	No Broadband Service					
	Totals - 0					
Codes Deside Desided	-					
Cedar Rapids - Population:		· ·		4		
	Great Plains Communicat		4	1		
	Great Plains Communicat	ions	1		4	
	Hamilton.net				1	
	Viaero Wireless				1	
· ·	Totals - 4		1	1	2	
Center - Population: 84				ē		
	Great Plains Communicat			1		
	Great Plains Communicat	tions	1			
	Totals - 2		1	4		

Hamiiton.net	
Hamilton.net	
Qwest Communications 1 Viaero Wireless 1 Totals - 4 2 2 Ceresco - Population: 892 Alltel 1 1 1 Totals - 1 <	
Viaero Wireless 1 Totals - 4 2 2 Ceresco - Population: 892 Alltel 1 1 1 Totals - 1 1 - Chadron - Population: 5,399 1 1 - Allo Communications 1 - - Great Plains Communications 1 - - Mobius Communications 1 - - Mobius Communications 1 - - Mobius Communications 1 - - OrbitCom 1 - - - Qwest Communications 1 - - - Viaero Wireless 1 - - - - Totals - 9 1 4 2 2	
Totals - 4 2 2 Ceresco - Population: 892 Alltel 1 Totals - 1 1 Chadron - Population: 5,399 Allo Communications 1 Great Plains Communications 1 Great Plains Communications 1 Mobius Communications 1 Mobius Communications 1 Mobius Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9 1 4 2 2	
Alltel	
Alltel 1 Totals - 1 1 Chadron - Population: 5,399 Allo Communications 1 Great Plains Communications 1 Mobius Communications 1 Qwest Communications 1 Totals - 9 1 4 2 2	
Alltel 1 Totals - 1 1 Chadron - Population: 5,399 Allo Communications 1 Great Plains Communications 1 Mobius Communications 1 Qwest Communications 1 Totals - 9 1 4 2 2	
Totals - 1 1 Chadron - Population: 5,399 Allo Communications 1 Great Plains Communications 1 Great Plains Communications 1 Mobius Communications 1 Mobius Communications 1 Mobius Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9 1 4 2 2	
Chadron - Population: 5,399 Allo Communications 1 Great Plains Communications 1 Great Plains Communications 1 Mobius Communications 1 Mobius Communications 1 Mobius Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9	
Alto Communications 1 Great Plains Communications 1 Great Plains Communications 1 Mobius Communications 1 Mobius Communications 1 Mobius Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9 1 4 2 2	
Great Plains Communications 1 Great Plains Communications 1 Mobius Communications 1 Mobius Communications 1 Mobius Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9 1 4 2 2	
Great Plains Communications 1 Mobius Communications 1 Mobius Communications 1 Mobius Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9 1 4 2 2	
Mobius Communications 1 Mobius Communications 1 Mobius Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9 1 4 2 2	
Mobius Communications 1 OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9 1 4 2 2	
OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9 1 4 2 2	
OrbitCom 1 Qwest Communications 1 Viaero Wireless 1 Totals - 9 1 4 2 2	
Viaero Wireless 1 Totals - 9 1 4 2 2	
Totals - 9 1 4 2 2	
Chambers - Population: 313	
K & M Telephone Co.	
Viaero Wireless 1	
Totals - 2 1 1	
Chapman - Population: 335	
Great Plains Communications 1	
Great Plains Communications 1	
Viaero Wireless 1	
Totals - 3 1 1 1 1	
Chappell- Population: 949	
Access Direct 1	
Viaero Wireless 1	
Chester • Population: 259	
Great Plains Communications 1	
Great Plains Communications 1	
Totals - 2 1 1	
Clarks - Population: 346	
Clarks Telecom 1	•
Hamilton.net 1	
Viaero Wireless 1	
Totals - 3 1 2	
Ciarkson - Population: 686	
Qwest Communications 1	
Totals - 1 1	

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Clatonia - Population: 271						
	Alltel		1			
	Diode Communications				1	
	Galaxy Cablevision	1				
	Totals - 3	1	1		1	
Clay Center - Population: 825						
olay center - 1 opulation. 023	Alltel		1			
		1				
	Galaxy Cablevision	'			4	
	Viaero Wireless				1	
		1	1		1	
Clearwater - Population: 361						
	Northeast Nebraska Tel. Co.		1			
	Viaero Wireless				1	
	Totals - 2		1		1	
Clinton -Population: 29				-		
	No Broadband Service					
	Totals - 0					
On the Demokra	10(a)5 - U					
Cody- Population: 148				_		
	Great Plains Communications			1		
	Great Plains Communications		1			
	Totals - 2		1	1		
Coleridge - Population: 500						
	Northeast Nebraska Tel. Co.		1			
	Totals - 1		1			
Colon - Population: 132						
Colon- Population. 132	A 14 a 1		4			
	Alltel		1			
	Totals - 1		1			
Columbus - Population: 20,92	24					
	Citizens Telecommunications Co	om	1			
	Time Warner Cable	1				
	Totals - 2	1	1			
Comstock - Population: 104					•	
	Access Direct			1		
	NCTC			'		
	Totals - 2		4	4		
	10tal5 - 2		1	1		
Concord - Population: 156						
	Northeast Nebraska Tel. Co.		1			
	Totals - 1		_1			
Cook - Population: 315	.					
	Alltel		1			
	Galaxy Cablevision	1				
	Totals - 2	1	1			
Cardena Donidation 404		-				
Cordova - Population: 124	Alleri					
	Alltel		1			
	Viaero Wireless				1	

Service Provider and Service Type by Population Center'

Population Center	Service Provider		Cable Modem	DSL_	Satellite	Wireless	Other
Cornlea - Population: 41							
	Viaero Wir	eless				1	
	Totals -	1				1	
Cortland - Population: 493				,			
ornana ropulation loo	Alltel			1			
	Totals -	1					
	10(a)5 -		· · · · · · · · · · · · · · · · · · ·	1			
otesfield - Population: 65							
		ns Communications			1		
		ns Communications		1			
	Viaero Wir	eless				1	
	Totals -	3		_ 1	1	1	
Cowles -Population: 46							
	Viaero Wir	eless				1	
	Totals -	1				1	
Cozad - Population: 4,210						•	
702aa - 1 opalation. 4,210	Access Di	root			1		
		mmunications	1		ı		
	Viaero Wir					1	
					_		
	Totals -	3	1		1	1	
Crab Orchard - Population: 4							-
	No Broadb	and Service					
	Totals -	0					
Craig - Population: 237							
	Northeast	Nebraska Tel. Co.		1			
	Totals -	1		1			
crawford - Population: 1,049				_			
, and the second second second	Mobius Co	mmunications				1	
		mmunications			1	'	
		nmunications		1	'		
	Viaero Wir			•		1	
	Totals -	4		4	4		
				1	1	2	
Creighton - Population: 1,208							
		ns Communications			1		
		ns Communications		1			
	Viaero Wir	eless				1	
	Totals -	3		1	1	1	
reston - Population: 213							
	Viaero Wir	eless				1	
	Totals -	1				1	
Crete - Population: 6,302		-			• -	<u>-</u> _	
5 5 6 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	Alltel			1			
		nmunications		•		1	
	Time Warr		1			ı	
	Viaero Wir		1			1	
				4		•	
	Totals -	4	1	1		2	
Crofton - Population: 718							
Frofton - Population: 718	Great Plair	ns Communications			1		
Crofton - Population: 718		ns Communications			1		

Population Center	Service Provider:	Cable Modem	DSI	Satellite	Wireless	Other
Crookston - Population: 94						
	Great Plains Communications			1		
	Great Plains Communications		1			
	Totals - 2		1	1		
Culbertson -Population: 571						
	Access Direct	•		1		
	Great Plains Communications			1		
	Great Plains Communications		1			
	Viaero Wireless				1	
	Totals - 4	·	_1	2		
Curtis - Population: 760						
	Access Direct			1		
	Totals - 1			1	_	
Cushing - Population: 31						
	Viaero Wireless				1	
	Totals - 1				_ 1	
Dakota City - Population: 1,88	32					
	Qwest Communications		1			
	Totals - 1		1			
Dalton. Population: 322						
·	Access Direct			. 1		
	Mobius Communications			1		
	Viaero Wireless				1	
	Totals - 3			2	1	
Danbury- Population: 125						
	Access Direct			1		
	Totals - 1			1		
Dannebrog -Population: 349						
	Hamilton.net				1	
	NCTC		1			
	Viaero Wireless				1	
	Totals - 3		1		2	
Davenport - Population: 299						
	Alitel		1 ·			
	Galaxy Cabievision	1				
	Totals - 2	1	1		_	
Davey - Population: 158						
	Alltel		1			
	Totals - 1		1			
David City - Population: 2,578	}				=	
, ,	Alltel		1			
	Time Warner Cable	1				
	Totals - 2	1	1			
Dawson -Population: 199					-	
	Alltel		. 1			
	Totals - 1		1			
					=.	

Population Center	Service Provid	der:	Cable Modem	DSL	_Satellite	Wireless	Oth <u>e</u> r
Daykin - Population: 170,							
	Alitel			1			
	Diode C	Communications				1	
	Totals -	2	· .	1		1	
Decatur - Population: 589						· 	
	Northea	ast Nebraska Tel. Co.		1			
	Totals -	1		1			
Denton - Population: 212							
	Alltel			1			
	Time W	arner Cable	1				
	Totals -	2	1	1			
Deshler - Population: 792			<u> </u>				
	Great P	lains Communications	÷		1		
	Great P	lains Communications		1			
	Totals -	2		1	1		
Deweese - Population: 79		· · · · · · · · · · · · · · · · · · ·			_		
	Mainsty	Satellite			1		
	Totals -	1			1		
Dewitt - Population: 580						_	
,	Aiitel			1			
	Diode C	ommunications				1	
	Galaxy	Cablevision	1				
	Totals -	3	1	1		1	
Dickens .Population:						_	
	Access	Direct			1		
	Totals -	1			1		
Diller Population: 282					_		
•	Diller Te	elephone Co		1			
		ommunications					
	Totals -	2		1		1	
Dix - Population: 247		_			_		
·	Viaero V	Vireless				1	
	Totals -	1				1	
Dixon -Population: 105	-					_	
.,	Northea	st Nebraska Tel. Co.		1			
	Totals -	1		1			
Dodge - Population: 685					_		
2 oago - opalationi coc	Great P	lains Communications			1		
		lains Communications		1	•		
	Totals -	2		1	1		
Doniphan - Population: 765				-	= -		
	Glenwor	od Telecomm				1	
	Hamilto			1		•	
	Viaero V			,		1	
	Totals -	3		1		2	
					_		

Population Center	Service Provid	ler:	Cable Modem	DSL	Satellite	<u>Wi</u> reless	<u>Other</u>
Dorchester - Population: 629							
	Alltel			1			
	Diode C	ommunications				1	
	Galaxy (Cablevision	1				
	Viaero V	Vireless				1	
	Totals -	4	1	1		2	
Douglas - Population: 229		- 					
	Alltel			1			
	Totals -	1		1			
Du Bois - Population: 154							
·	Alltel			1			
	Totals -	1		1			
Dunbar - Population: 235	. 0.0.0	<u> </u>		<u>'</u>			
Daniel Topulation. 200	Alltel			1			
	Totals -	1					
Daniel Daniel Company	TOTALS =			. 1		_	
Duncan - Population: 343	200						
		Telecommunications Com		1			
	Totals -		****	1			
Dunning - Population: 96							
	Access I				1		
		dated Telephone		1			
	Totals -	2	· · ·	1	1		
Dwight - Population: 258							
	Alltel			1		•	
	Viaero W	/ireless				1	
	Totals -	2		1		1	
Eagle - Population: 1,140							
	Alltel			1			
	Galaxy C	Cablevision	1				
	Totals -	2	1	1			
Eddyville - Population: 99			_				
	Access [Direct			1		
	Great Pla	ains Communications			1		
	Totals -	2			2		
Edgar - Population: 516					*		
	Alitel			1			
		Cablevision	1				
	Totals -	2	1	1	,		
Edison - Population: 151					••		
	Access [Direct			1		
		TelecommunicationsCom		1	•		
	Viaero W			-		1	
	Totals -	3		1	1	1	
Elba - Population: 241				1	'	I	
Liba i opulation. 241	NCTC			1			
	Viaero W	/iralass		ı		1	
				4		1	
	Totals -	- 2		1		1	

Population Center	Service Provider	Cable Modem	DSL	Satellite	Wireless	Other
Elgin - Population: 692						
	Great Plains Communications	1				
	Great Plains Communications			1		
	Great Plains Communications					
	Viaero Wireless				1	
	Totals - 4	1	1	1	1	
Elk Creek - Population: 113		_				
	Alltel					
	Totals - 1		I			
Elkhorn -Population: 8,016			_			
	Cox Communication	1				
	OrbitCom					
	Qwest Communications		1			
	Totals - 3	1	2			
Elm Creek - Population: 880			-			
z c. con . cpa.ac ccc	Access Direct					
	Charter Communications	1				
	Viaero Wireless				1	
	Totals - 3	ı				
Elmwood -Population: 712	·					-
zmwood i opaiation. 112	Alitel					
	Galaxy Cablevision	1				
	Totals - 2	1	1			
Elsie - Population: 135						
	Access Direct					
	Totals - 1			1		•
Elwood Donulation: 722			_			
Elwood -Population: 722	Access Direct			1		•
	Qwest Communications			•		
			1	1		•
Fluis Danulation, 54	Totals - 2		<u> </u>	<u> </u>		
Elyria -Population: 51	No Droodhand Canica					
	No Broadband Service					
	Totals - 0					
Emerson - Population: 816		4				
	HunTel CableVision	1				
	Totals - 1	1	—			
Emmet - Population: 73						
	No Broadband Service					
	Totals - 0					
Endicott - Population: 137						
	No Broadband Service					
	Totals - 0					
Ericson - Population: 96			-			
	NCTC		1			
	Viaero Wireless				1	
	Totals - 2		1		1	
						

Population Center	Service Provide	r	Cable Modem	DSL	Satellite	Wireless Ot	her
_	OCIVICE I TOVICE		Jabie WUUCIII	DOL	<u> </u>	viiieless Ol	. 101
Eustis - Population: 426							
	Access D				1		
		ted Telecom		1			
	Totals -	2		1	1		
Ewing - Population: 411							
		ins Communications		1			
	Great Plai	ins Communications			1		
	Totals -	2		1	1		
Exeter - Population: 686							
	Alltel			1			
	Galaxy Ca	ablevision	1				
	Viaero Wi	reless				1	
	Totals -	3	1	1		1	
Fairbury - Population: 4,086		Sdate -	-				
•	Alltel			1			
		mmunications				1	
	Time War		1				
	Totals -	3	1	1		1	
Fairfield - Population: 447							
- p	Alltel			1			
	Galaxy Ca	ablevision	1	•			
		Telecomm.				1	
	Totals -	3	1	1		1	
Fairmont - Population: 667		-	<u> </u>	<u> </u>			
anmont - r opulation. 007	Alltei			1			
	Galaxy Ca	phlevision	1	1			
	Viaero Wi		ı			1	
			4	1			
Talla City Danulation 4000	Totals -	3	1	1		1	
Falls City - Population: 4,293	0 1	Notes de T. C.		4			
		Nebraska Telephone Co		1			
	Time War		1	_			
	Totals -	2	1	1			
Farnam - Population: 230							
	Access Di	rect			1		
	Totals -	1		_	1		
Farwell -Population: 146							
	Mainsty Sa	atellite			1		
	Viaero Wii	reless				1	
	Totals -	2			1	1	
Filiey- Population: 176				-		_	
	Alltel			1			
	Totals -	1		1			
		•			_		
Eirth - Population: 651							
Firth - Population: 651	المخالة			- 1			
Firth - Population: 651	Alltel	amunications		1		4	
Firth - Population: 651	Diode Con	nmunications		•		1	
		nmunications 2		1		1 1	
Firth - Population: 651 Fordyce - Population: 173	Diode Con Totals -			•	······		
	Diode Con Totals -	2		•			

$\label{eq:appendix} \mbox{Appendix E} \\ \mbox{Service Provider and Service Type by PopulationCenter}^{\star}$

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Fort Calhoun -Population: 9	05					
	Blair Telephone		1			
	Totals - 1		1			
Foster - Population: 61						
	No Broadband Service					
	Totals - 0					
Franklin - Population: 973						
	Citizens Telecommunications C	om	1			
	Glenwood Telecomm.	•	•		1	
	Viaero Wireless				1	
	Totals - 3		1		2	
Fremont - Population: 25,232						
remont - r opalation. 20,202	OrbitCom		1			
	Qwest Communications		1			
	Time Warner Cable	1	•			
	Totals - 3	1	2			
Friend -Population: 1,201		<u> </u>				
rnenu -ropulation: 1, 201	Alltol		4			
	Alltel Diode Communications		1		1	
		4			•	
	Galaxy Cablevision	1			1	
	Viaero Wireless	4	4		•	
	Totals - 4	1	1		2	
Fullerton - Population: 1,268						
	Hamilton.net				1	
	Viaero Wireless				1	
	Totals - 2				2	
Funk - Population: 195						
	Glenwood Telecomm.				1	
	Glenwood Telephone		1			
	Viaero Wireless				1	
	Totals - 3		1		2	
Gandy- Population: 28						
	Access Direct			1		
	Viaero Wireless				1	
	Totals - 2			1	1	
Garland - Population: 250						
•	Alltel		1			
	Viaero Wireless				1	
	Totals - 2		1		1	
Garrison - Population: 67			•		· · · · · · · · · · · · · · · · · · ·	
	No Broadband Service					
	Totals - 0					
Conous Bandation 0 470	70(6)5-					
Geneva - Population: 2,176	Allkal		4			
	Alltel	4	1			
	Galaxy Cablevision	1	_			
	Totals - 2	1	1			
Genoa - Population: 897						
	Citizens Telecommunications C	om	1			
	Totals - 1					

Population Center	Service Provid	er:	Cable Modem	DSL	Satellite	Wireless	Other
Gering -Population: 7,752							
	Charter	Communications	1				
	Mobius (Communications			1		
	United T	elephone of the West		1			
	Viaero V					1	
	Totals -	4	1	1	1	1	
Gibbon - Population: 1,771							
,	Charter	Communications	1				
	NCTC	Communications		1			
	Viaero V	Vireless				1	
	Totals -	3	1	1		_	
Cilead Denuistian 27			<u>1</u>	'		1	
Gilead -Population: 37							
		ommunications				1	
	Totals -	1				1	
Giltner ₌Population: 397							
	Glenwoo	od Telecomm.				1	
	Hamiltor	n.net		1			
	Viaero W	Vireless				1	
	Totals -	3		1 .		2	
Glenvil - Population: 316							
	Alltel			1			
	Glenwoo	od Telecomm.				1	
	Viaero W					1	
	Totals -	3		1		2	
Goehner - Population: 179		. <u> </u>		•	_		
Cocimor - 1 opulation. 113	Viaero W	lirologe ·				1	
	Totals -	1					
	Totals -					1	
Gordon - Population: 1,626							
		ains Communications		1			
		ains Communications			1		
	Totals	2		1	1		
Gothenburg - Population: 3,0	684						
	Access E	Direct			1		-
	Allo Com	nmunications	•	1			
•	Charter (Communications	1				
·	OrbitCon			1			
		ommunications	· ·	1			
	Viaero W	/ireless				1	
	Totals -	6	1	3	1	1	-
Grafton - Population: 147							
	Alltel	•		1			
	Viaero W	/ireless				1	
	Totals -	2		1		1	
Grainton - Population:							
	Access E	Direct			1		
·	Viaero W				ı	1	ř
	Totals -				4	_	
	10(815 "	2			1	1	

Population Center	Service Provid	er:	Cable Modem	DSL	Satellite	Wireless	Other
Grand Island -Population: 44	1,250						
	Allo Con	nmunications		1			
	Charter (Communications	1				
	Hamiltor	n.net				1	
	OrbitCor	m		1			
	Qwest C	ommunications		1			
	Viaero W	/ireless				1	
	Totals -	6	1	3		2	
Grant - Population: 1,153							
	Access I	Direct			1		
		ains Communications			1		
		ains Communications		1			
	Great Pla	ains Communications	1				
	Viaero W					1	
	Totals -	5	1	1	2	1	
Greeley Center - Population:				<u> </u>			
c. 1510, Contor 1 opulation.		TelecommunicationsCom		1			
	Viaero W			'		1	
	Totals -	2		1			
				ī		1	
Greenwood - Population: 592				_			
	Alltel			1			
		Communications	1				
	Totals -	2	1	1			
Gresham -Population: 260							
	Alltel			1			
	Viaero W	/ireless				1	
	Totals -	2		1			
Gretna .Population: 4,505							
	Cox Con	nmunication					
	OrbitCon	1		1			
	Qwest C	ommunications		1			
	Totals -	3	1	2			
Gross - Population: 5		•					
	No Broad	dband Service					
	Totals -	0					
 Guide Rock - Population: 226							
Suide Nock = Fupulation: 220	Alltel						
		d Telecomm.				4	
	Viaero W					1	
						1	
	Totals -	3	_			2	
Gurley - Population: 228							
	Access [1		
	Viaero W					1	
	Totals -	<u> </u>	***************************************		_1	1	
Hadar - Population: 320							
	Cable Or	ne	1				
	Viaero W	/ireless				1	
	Totals -	2	1			1	
						,	

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Haigler - Population: 204						
	Access Direct			1		
	Viaero Wireless			•	1	
	Totals - 2	,		1	1	
Hallam -Population: 375						
	Alltel		1			
	Diode Communications				1	
	Galaxy Cablevision	1				
	Totals - 3	1	1		1	
Halsey - Population: 52					_	
	Access Direct			1		
	Consolidated Telephone		1			•
	Totals - 2	•	1	. 1		
Hamlet. Population: 54	_					
	Access Direct			. 1		
	Viaero Wireless				1	
	Totals - 2			1	1	
Hampton - Population: 437	_	1 2 CONT 12 COMMON I			* *	
	Hamilton.net		1			
	Viaero Wireless				. 1	
	Totals - 2		1		1	•
Harbine - Population: 55						
•	Diller Telephone Co.		1			
	Diode Communications				1	
	Totals - 2		1		1	
Hardy - Population: 174					···-	
,	No Broadband Service					
	Totals - 0		-			
Harrison - Population: 274		_				
Transcon Topalation. 274	Mobius Communications			1		
	Qwest Communications		1	,		
	Viaero Wireless		•		1	
	Totals - 3		1	1	1	
Hartington -Population: 1,58		-			<u>-</u>	
	Hartington Telecommunio	cations C	1			
	Totals - 1		1			
Harvard - Population: 956			-			- · · · · · · · · · · · · · · · · · · ·
iigi tara ii opulatiolii. 330	Alltel					
	Galaxy Cablevision	1				
	Hamilton.net	ı			1	
	Viaero Wireless				1	
	Totals - 4	1	1		2	
Hastings - Population: 25,107		1	•			
	Alltel		1 .			
	Charter Communications	1	'			
	Glenwood Telecomm.	ı			1	
	Viaero Wireless				1	
					•	

Hay Springs - Population: 599 Great Plains Communications 1	Population Center	Service Provide	er: <u></u>	Cable Modem	DSL	Satellite	Wireless	Other
Great Plains Communications 1	Hay Springs - Population: 59	9						
Viaero Wireless		Great Pla	ins Communications			1		
Totals 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Great Pla	nins Communications		1			
Access Direct		Viaero W	ireless				1	
Access Direct Access Direct Great Plains Communications 1		Totals -	3		1	1	1	
Access Direct Great Plains Communications (1) Great Plains Communications (1) Viaero Wireless (1) Viaero W	layes Center - Population: 2	37						
Great Plains Communications 1	,		irect			1		
Great Plains Communications 1								
Viaero Wireless 1 2 1					1	•		
Totals					•		1	
Access Direct 1 Totals - 1 1 eartwell - Population: 82 Citizens Telecommunications Com Varier Wireless 1 Totals - 2 1 1 Elebron - Population: 1,419 Alttel Diode Communications			4		1	2		
Access Direct Totals - 1 Totals - 1 Citizens Telecommunications Com Viaero Wireless Totals - 2 Alltel Diode Communications Totals - 2 India - 3 India					ı		<u>'</u>	
Totals - 1	iazaiu-Population. 62	A 5	dan at					
Citizens Telecommunications Com 1						1		
Citizens Telecommunications Com		l otals -	1	 .		_1		
Viaero Wireless 1 1 1 1 1 1 1 1 1	eartwell - Population: 82							
Totals		Citizens 7	elecommunications Com		1			
Alitel Diode Communications 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Viaero W	ireless				1	
Alltel Diode Communications 1 Totals - 2 1 1 1 emingford - Population: 923 Mobius Communications Viaero Wireless 1 Totals - 2 1 1 1 enderson - Population: 992 Hamilton.net		Totals -	2		1		1	
Alltel Diode Communications 1 Totals - 2 1 1 Hemingford - Population: 923 Mobius Communications Viaero Wireless 1 Totals - 2 1 1 1 Hamilton.net	lebron - Population: 1,419					-		
Diode Communications		Alitel			1			
Totals - 2			mmunications		•		1	
Mobius Communications 1					1		_	
Mobius Communications	lominatord Donulation: 023						1	
Viaero Wireless 1	ienningiora - Fopulation. 923							
Totals - 2					1			
Hamilton.net							1	
Hamilton.net		l otals -	2		1			
Mainstay Communications	lenderson - Population: 992							
Mainstay Communications 1							1	
Viaero Wireless 1 Totals - 4 1 3 Access Direct 1 Totals - 1 1 Viaero Wireless 1 Totals - 1 1 Berman - Population: 302 Great Plains Communications 1 Great Plains Communications 1 Totals - 2 1 1 Hershey - Population: 565 Access Direct 1 Hamilton.net 1 Hershey Cooperative Tel 1 Viaero Wireless 1		Mainstay	Communications				1	
Totals - 4					1			
Access Direct 1 Totals - 1 1 Henry - Population: 162 Viaero Wireless 1 Totals - 1 1 Herman - Population: 302 Great Plains Communications 1 Great Plains Communications 1 Totals - 2 1 1 1 Hershey - Population: 565 Access Direct 1 Hamilton.net 1 Hershey Cooperative Tel 1 Viaero Wireless 1		Viaero Wi	reless				1	
Access Direct		Totals -	4		1		3	
Totals - 1	endley - Population: 37						_	
Totals - 1		Access D	irect			1		
Viaero Wireless			1			1		
Viaero Wireless 1 Totals - 1 1 Iterman - Population: 302 1 1 Great Plains Communications 1 1 Totals - 2 1 1 Itershey - Population: 565 Access Direct 1 Hamilton.net 1 Hershey CooperativeTel 1 Viaero Wireless 1	lenry - Population: 162					•		
Totals - 1	.o) . opulation 10=	Viaoro Wi	rologe				4	
Great Plains Communications								
Great Plains Communications		10tais -	ı				<u>1</u>	
Great Plains Communications 1	lerman - Population: 302							
Totals - 2 1 1 Itershey - Population: 565 Access Direct 1 Hamilton.net 1 Hershey CooperativeTel 1 Viaero Wireless 1						1		
Access Direct 1 Hamilton.net 1 Hershey CooperativeTel 1 Viaero Wireless 1		Great Pla	ins Communications		1			
Access Direct 1 Hamilton.net 1 Hershey CooperativeTel 1 Viaero Wireless 1		Totals -			_1	1		
Hamilton.net 1 Hershey CooperativeTel 1 Viaero Wireless 1	ershey - Population: 565							
Hershey CooperativeTel 1 Viaero Wireless 1		Access D	irect			1		
Viaero Wireless 1		Hamilton.	net				1	
		Hershey (CooperativeTel		1			
Totals 4							1	
Totals - 4 1 1 2		Totals -	4		1	1	2	

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Hickman - Population: 1,275						
	Alltel		1			
	Diode Communications		·		1	
	Galaxy Cablevision	1				
		1	1		1	
	Totals 3	'	'			
Hildreth - Population: 350						
	Charter Communications	1				
	Citizens Telecommunications Com		1			
	Glenwood Telecomm.				1	
	Viaero Wireless				1	
	Totals - 4	1	1		2	
lolbrook - Population: 220					-	
	Access Direct			1		
	Viaero Wireless			-	1	
				4		
	Totals - 2			1	1	
Holdrege - Population: 5,443						
	Access Direct			1		
	Allo Communications		1			
	Charter Communications	1				
	Qwest Communications		1			
	Viaero Wireless				1	
	Totals - 5	1	2	1	1	
lolstein -Population: 247				<u> </u>		
ioisteiii - Populatioii. 247	Olamon d Talanhana					
	Glenwood Telephone		1			
	Viaero Wireless				1	
	Totals 2		1		1	
lomer - Population: 605						
	HunTel Cablevision	1				
	Qwest Communications		1			
	Totals - 2	1				
	Totals- 2	1	1		v	
looper - Population: 797						
	Hooper Telephone Co.		1			
	Totals - 1		1			
ordville - Population: 149	· · · · · · · · · · · · · · · · · · ·					
·	Hamilton.net		1			
	Viaero Wireless		'		1	
	Totals - 2		1		1	
loskins - Population: 263						
	Cable One	1				
	Pierce Telephone Co., Inc		1			
	Totals - 2	1	1			
 loward City- Population:	-					
iowaiu Oity-i Opulatioil.	Vice and Mindle -				4	
	Viaero Wireless				1	
	Totals - 1				1	
lowells - Population: 638						
	No Broadband Service					
	Totals - 0					
· · · · · · · · · · · · · · ·						

Service Provider and Service Type by Population Center'

Population Center	Service Provider:		Cable Modem	DSL	Satellite	Wireless	Other	
Hubbard - Population: 245								
•	Northeast N	ebraska Tel. Co		1				
	Totals -	1		1				
Hubbell - Population: 67				-	_			
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Great Plains	s Communications			1			
		Communications		1	•			
	Totals -	2		1	1		•	
Humboldt - Population: 869			_					
	Ailtel			1				
	Time Warne	r Cable	1					
	Totals -	2	1	1				
Humphrey-Population: 769							•	
rampino) i opaianom i co	OrbitCom			1				
	Qwest Com	munications		1				
	Viaero Wire			·		1		
	Totals -	3				1		
Huntley- Population: 64			_			·		
rama, ropalation or	Great Plains	Communications			1			
	Totals -	1			•			
Hyannis - Population: 258		···			_			
riyanins-r opulation. 230	Access Dire	ct			1			
	Consolidate			1	'			
	Viaero Wire			•		1		
	Totals -	3				•		
Imperial - Population: 1,914			_		_	_		
imponar ropulation. 1,014	Access Dire	ct			1			
		Communications			1			
		Communications		1	•			
		Communications	1					
	Viaero Wire	ess				1		
	Totals -	5	1	1	2	· 1	•	
Indianola -Population: 612			-					
	Access Dire	ct			1			
	Great Plains	Communications			1			
	Great Plains	Communications		1		-	-	
	Pinpoint Cor	nmunications						
	Totals -	4	1	1	2			
Inglewood - Population: 383							•	
	Qwest Com	munications		1		•		
	Totals -	1		1				
Inman - Population: 133								
	K & M Telep	hone Co.		1				
	Totals -	1		1				
Ithaca - Population: 167					_			
	Alltei			1				
	Totals -	1		1				
Jackson - Population: 205					_			
·	Northeast N	ebraska Tel. Co.		1				
	Totals -	1		1				
*Don		 defined by the Nebras	ka Department of I	•	– Develorm			

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Jansen - Population: 141						
	Alltel		1			
	Diode Communications				1	
	Totals - 2		1		1	
Johnson - Population: 257	Totale 2				<u> </u>	
Johnson - Population: 297						
	Alltel		1			
	Galaxy Cablevision	1		÷		
	Totals - 2	· 1	1			
Johnstown - Population: 52						
	Three River Telco		1			
	Totals - 1		1			
	Totals - I					
Julian - Population: 71						
	Alltel		1			
•	Totals - 1	•	1			,
Juniata - Population: 751						
	Alltel		1			
	Glenwood Telecomm.		,		4	
	Viaero Wireless				4	
					7	
	Totals - 3		· 1		2	
Kearney - Population: 28,643						
	Charter Communications	1 '				
	Citizens Telecommunicat	ions Com	1			
•	Viaero Wireless				1	
	Totals - 3	1	1		1	
	Totals - J				- !	
Kenesaw - Population: 939						
	Alitel		1			
	Glenwood Telecomm.				1	
	Viaero Wireless	•			1	
	Totals - 3		1		2	
Kennard - Population: 387						
·	Blair Telephone	*	1			
	Totals - 1		1			
Kilgore - Population: 99						
-	Great Plains Communica	ions		1		
	Totals - 1			1		
Kimbali - Population: 2,358		· · · · · · · · · · · · · · · · · · ·				
	Mobius Communications			1		
•		Vant		1		
•	United Telephone of the \	vest	1			-
•	Viaero Wireless				. 1	
	Totals - 3		1	1	1	
La Vista - Population: 14,669						
	Qwest Communications		1			
	Totals - 1	•	1			
Lauran Barrilatian 40	1					Address on
Lamar - Population: 19				•		
	Access Direct			1		
	Viaero Wireless				1	
	Totals - 2			1	. 1	

Population Center	Service Provider:		Cable Modem	DSL	Satellite	Wireless	Other
Laurel - Population: 928							
,	HunTel Cable\	/ision	1				
	Totals -	1					
Lawrence - Population: 303							
	Glenwood Tele	enhone		1			
	Viaero Wireles					1	
		2		1			
Lebanon - Population: 68		_					
Lebanon - 1 opulation. 00	Access Direct				1		
		1			1		
Loigh Donulation 427		·					
Leigh. Population: 437	Citizana Talaas	ammunications Cam		4			
		ommunicationsCom		1			
	Totals -	1		_1			
Leshara - Population: 110		•					
	No Broadband	_					
	Totals -	0					
Lewellen - Population: 260					,		
	Access Direct				1		
	•	one of the West		1			
	Viaero Wireles	S				1	
	Totals -	3		1	1	_1	
Lewiston -Population: 81							
	No Broadband	Service					
	Totals -	0					
Lexington - Population: 10,0	64						
	Access Direct				1		
	Allo Communio	cations		1			
	Charter Comm	unications	1				
	OrbitCom			1			
	Qwest Commu			1			
	Viaero Wireles	S				1	
	Totals -	<u>6</u> 	1_	3	1	1	
Liberty - Population: 87							
	Alltel						
	Totals -	1		1			
Lincoln - Population: 236,979	9						
	Alltei			1			
	Diode Commu	nications				1	
	Time Warner C	Cable	1				
	Totals -	<u>3</u>	1	_1		1	
Lindsay- Population: 270	_						
	Citizens Teleco	ommunicationsCom					
	Viaero Wireles	s				1	
	Totals -	2		1		1	
Linwood- Population: 118							
·	Northeast Neb	raska Tel Co.		1			
		1		1			

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Litchfield - Population: 265						•
	Access Direct			1		
	Charter Communications	1				
	NCTC		1			
	Totals - 3	1	1	1		
Lodgepole - Population: 348						
	Access Direct					
	Mobius Communications			1		
	Viaero Wireless				1	
	Totals - 3			2	1	
Long Pine - Population: 348						
	Northeast Nebraska Tei Co		1			
	Totals - 1		_1			·
Loomis - Population: 382						
	Access Direct			1		
	Charter Communications Viaero Wireless	1			4	
		4		4	1	
Lautan Danulation 20	Totals - 3	1		. 1	1	··································
Lorton - Population: 39	No Broadband Service					
	Totals - 0					
Louisville -Population: 1,070						
Louisville -Population. 1,070	, Alltel		1		,	
	Charter Communications	1	'			
	Totals - 2	1	1			
Loup City- Population: 935	Totals - Z	'				
The city is open anomic of the city in the	Charter Communications	1				
	Totals - 1	1				
Lushton - Population: 33			 -			
	Viaero Wireless			•	1 .	•
	Totals - 1				1	
Lyman -Population: 409					·	
•	United Telephone of the West		1			
	Viaero Wireless				1	
	Totals - 2		1		1	
Lynch - Population: 242						
	Three River Teico		1			
	Totals - 1		1			
Lyons - Population: 922						
	HunTel CableVision	1				
	Totals - 1	1				
Madison • Population: 2,331	-				-	
	Cable One	1				
	Citizens Telecommunications Com		1			
	Viaero Wireless				1	
	Totals- 3	11	_ 1		1	

Madrid - Population: 259	Population Center	Service Provide	er:	Cable Modem	DSL	Satellite	Wireless	Other
Consolidated Telco Yairon Wireless 1 1 1 1 1 1 1 1 1	Madrid - Population: 259							
Viaero Wireless 1 1 1 1 1 1 1 1 1		Access D	Direct			1		
Magnet. Population: 75		Consolid	ated Telco		1			
Magnet. Population: 75		Viaero W	'ireless				1	
No Broadband Service Totals = 0		Totals -	3		1	1	1	
No Broadband Service Totals = 0	Magnet, Population: 75						_	
Totals	3	No Broad	Iband Service					
Malroolm - Population: 438								
Alltel	Malcolm - Population: 439							
Totals	maleonn - 1 opalation. 405	Alltal			4			
Marlmo - Population: 104 Northeast Nebraska Tel. Co.			4					
Northeast Nebraska Tel. Co.		Totals -			1			
Totals - 1	Malmo - Population: 104							
Manley - Population: 196 No Broadband Service Totals * 0 Marquette - Population: 280 Hamilton.net Viaero Wireless 1 Totals * 2 1 1 Marsland - Population: No Broadband Service Totals * 0 Martinsburg - Population: 100 Martinsburg - Population: 100 Northeast Nebraska Tel. Co. 1 Totals * 1 1 Maskell - Population: 65 Northeast Nebraska Tel. Co. 1 Totals * 1 1 Mason City - Population: 175 Access Direct 1 NCTC 1 Totals * 2 1 1 Maxwell - Population: 319 Access Direct 1 Hamilton.net 1 Hamilton.net 1 Hamilton.net 1 Viaero Wireless 1 Totals * 1 1 2 Maywood - Population: 305 Access Direct 1 1 Consolidated Telecom 1 Hamilton.net 1 1 Nawwood - Population: 305 Access Direct 1 1 Totals * 1 1 2 Maywood - Population: 319			t Nebraska Tel. Co.		1 .			
No Broadband Service Totals - 0		Totals -	1		1			
Narquette - Population: 280	Manley - Population: 196							
Hamilton.net 1		No Broad	band Service		-		•	
Hamilton.net 1		Totals -	0					
Hamilton.net 1	Marquette - Population: 280							
Viaero Wireless 1 1 1 1 1 1 1 1 1		Hamilton	.net		1			
Totals - 2 1 1					•		1	
Marsland - Population: No Broadband Service Totals - 0 Martinsburg - Population: 100 Northeast Nebraska Tel. Co. 1 Totals - 1 1 Maskell - Population: 65 Northeast Nebraska Tel. Co. 1 1 Totals - 1 1 Access Direct NCTC 1 1 NOTTC 1 1 Maxwell - Population: 319 Access Direct Consolidated Telecom 1 1 Hamilton.net 1 1 Viaero Wireless 1 1 Totals - 4 1 1 2 Maywood - Population: 305 Access Direct Consolidated Telco 1 1 1					1			
No Broadband Service Totals - 0	Marsland - Population:		_		<u>-</u> '			
Northeast Nebraska Tel. Co.	inaisiana i opulation.	No Broad	hand Sanica					
Martinsburg - Population: 100 Northeast Nebraska Tel. Co. 1								
Northeast Nebraska Tel. Co.	Martinghous Develotion 40							
Totals - 1	martinspurg - Population: 10							-
Northeast Nebraska Tel. Co.			· ·	•	· ·			
Northeast Nebraska Tel. Co.		Totals -	1		1		<u> </u>	<i></i>
Totals - 1 1 Mason City - Population: 175 Access Direct 1 Totals - 2 1 Maxwell - Population: 319 Access Direct 1 Consolidated Telecom 1 Hamilton.net 1 Viaero Wireless 1 Totals - 4 1 1 2 Maywood - Population: 305 Access Direct 1 1 Consolidated Telco 1	Maskell - Population: 65							
Mason City - Population: 175 Access Direct 1 Maxwell - Population: 319 Access Direct 1 Consolidated Telecom 1 Hamilton.net 1 Viaero Wireless 1 Totals - 4 1 1 2 Maywood - Population: 305 Access Direct 1 1 Consolidated Telco 1		Northeast	t Nebraska Tel. Co.		1			
Access Direct 1 NCTC 1 Totals - 2 1 1 Maxwell - Population: 319 Access Direct 1 Consolidated Telecom 1 Hamilton.net 1 Viaero Wireless 1 Totals - 4 1 1 2 Maywood - Population: 305 Access Direct 1 Consolidated Telecom 1 1 Consolidated Telecom 1 1 Totals - 4 1 1 2		Totals -	1		1			
NCTC Totals - 2 1 1 Maxwell - Population: 319 Access Direct 1 Consolidated Telecom 1 Hamilton.net 1 Viaero Wireless 1 Totals - 4 1 1 2 Maywood - Population: 305 Access Direct 1 Consolidated Telco 1	Mason City - Population: 175							
Totals - 2		Access D	irect			1		
Maxwell - Population: 319 Access Direct 1 Consolidated Telecom 1 Hamilton.net 1 Viaero Wireless 1 Totals - 4 1 1 2 Maywood - Population: 305 Access Direct 1 1 Consolidated Telco 1		NCTC	•		1		÷.	
Access Direct 1 Consolidated Telecom 1 Hamilton.net 1 Viaero Wireless 1 Totals - 4 1 1 2 Maywood - Population: 305 Access Direct 1 Consolidated Telco 1		Totals -	2		1	1		
Access Direct 1 Consolidated Telecom 1 Hamilton.net 1 Viaero Wireless 1 Totals - 4 1 1 2 Maywood - Population: 305 Access Direct 1 Consolidated Telco 1	Maxwell - Population: 319							
Consolidated Telecom	·	Access D	irect			1		
Hamilton.net					1	•		
Viaero Wireless 1 Totals - 4 1 1 2 Maywood - Population: 305 Access Direct 1 1 Consolidated Telco 1 1							1	
Totals - 4 1 1 2 Maywood - Population: 305 Access Direct 1 1 Consolidated Telco 1 1							· ·	
Maywood - Population: 305 Access Direct 1 Consolidated Telco 1					1	1		
Access Direct 1 ConsolidatedTelco 1	Maywood - Population: 205							
ConsolidatedTelco 1	maymood - r opulation, 505	A 00000 D	irect			4		
					1	ı		
					1			
		ı otais -			1	1		

Population Center	Service Provid	er:	Cable Modem	DSL_	Satellite	Wireless	Other
McCook - Population: 7,701							
	Access I	Direct			1		
		nmunications		1			
	OrbitCor			1			
		Communications				1	
		Communications		1			
		communications		1	4		
	Totals -	6		4	1	1	
McCool Junction - Population				4			
	Alltel	Pahlaviaian	4	1			
	Viaero V	Cablevision	1			1	
			4	1		1	
MacCanana Demodeticas 400	Totals -	3	1				
McGrew Population: 100	\/:oors \/	Virologo				1	
	Viaero V Totals -	vireiess 1				1	
Malaga Donulation 27	 	<u> </u>				•	<u>-</u>
McLean -Population: 37	Na Dece	alle and Comitee					
		dband Service					
	Totals -						
Mead -Population: 619	A II I			1	•		
	Alltel	4		•			
	Totals -	1		1			
Meadow Grove - Population:							
		Nebr Telephone		1		1	
	Viaero V			1		. 1	
	Totals -	2		·		I	
Melbeta - Population: 139	Charter	Communications	4				
	Viaero V	Communications	1			1	
	Totals -	2	1			1	
Memphis - Population: 110		-	1			<u>-</u> -	,
Memphis * Population. 110	No Broo	dband Service					
	Totals -	0					
Merna - Population: 386		· 				*** *	
wema • Population. 300	Access	Direct			1		
		dated Telephone		1	'		
	Totals -	2		1	1		
Merriman - Population: 118		<u></u>		_ _	'		
Merriman Topulation. 110	Great Pl	lains Communications			1		
		lains Communications		1			
	Totals -	2		1	1		
Milford -Population: 2,069					•		
willord - Population. 2,009	Alltel			1			
		Cablevision	1	•			
	Mainsty		•		1		
	Viaero V				•	1	
	Totals -	4	1	1	1	1	

$\label{eq:continuous} \mbox{Appendix E} \\ \mbox{Service Provider and Service Type by Population Center}^{\star}$

Population Center	Service Provider	Cable Modem	DSL	Satellite	Wireless Other
Miller - Population: 156					
	Access Direct			1	
	Charter Communications	1			
	Citizens Telecommunications Co	m	1		
	Totals - 3	1	1	1	
/lilligan = Population: 303				-	·
ilingail - Population. 303	Alltel		1		
		1	1		
	Galaxy Cablevision				
	Totals - 2	<u> 1</u>	1		
/linatare ∎Population: 786					
	Charter Communications	1			
	United Telephone of the West		1		
	Viaero Wireless				1
	Totals - 3	1	1		1
linden - Population: 2,952					···· · · · · · · · · · · · · · · · · ·
,	Allo Communications		1		
	Charter Communications	1			
	Glenwood Teiecomm.				1
	OrbitCom		1		
	Qwest Communications		1		
	Viaero Wireless				1
	Totals - 6	1 ·	. 3		2
Mitchell -Population: 1,798		. <u></u>			
witchen - Fopulation. 1,796	Charter Communications	1			
	Charter Communications United Telephone of the West	ı	1		
	Viaero Wireless		•		1
		á			ı A
			1		1
Monowi - Population: 2					
	Three River Telco		1		
	Totals - 1		_1		
Monroe - Population: 300					
	Citizens Telecommunications Co	m	1		
	Totals - 1		1		
Moorefield -Population: 49					
woording a optilation. 43	Access Direct			1	
	Totals • 1				
	1 Otals • 1			1	
Morrill -Population: 938					
	Charter Communications	1	_		
	United Telephone of the West		1		
	Viaero Wireless				1
	Totals - 3	1	1		1
Morse Bluff - Population: 133					
	Northeast Nebraska Tel. Co.		1		
	Totals - 1		1		
 Wullen - Population: 499				-	
riunen - i opaiation. 433	Accord Direct			1	
	Access Direct		1	ı	
	ConsolidatedTelephone		1		
	Totals - 2		1	1	

Pooulation Center	Service Provider:		Cable Modem	DSL	Satellite	Wireless	Other
Murdock - Population: 274						ř.	
	Alitel			1			
	Galaxy Cable	evision	1				
	Totals -	2	1	1			
Murray - Population: 493							
	Alltel			1			
	Galaxy Cable	evision	1	·			
	Totals -	2	1	1			
Noner Deputation 00			· ·	<u>'</u>			
Naper - Population: 98	Thurs Discus	F.1		4		•	
	Three River			1			
	Totals -			1			
Naponee - Population: 125							
	Citizens Tele	communications Com		1			
	Totals -	1		1			
Nebraska City - Population:	7,061						
	Alitel			1			
	Time Warner	· Cable	1				
	Totals	2	1	1			
 Nehawka - Population: 230		_		4	•		
rtonawka i opalation. 250	Alltel			1			
		1					
	Totals			1			
Neligh .Population: 1,563							
		communicationsCom		1			
		Communications	1				
		Communications			1		
	Viaero Wirele	ess				1	
	Totals -	4		1	1	1	
Nelson - Population: 552							
	Alltel			1			
	Totals -	1		1			÷
Nemaha .Population: 179	 _ 						
	Alltel			1			
	Totals -	1		1			
Menzel -Population: 13							
HONEON TOPARATION. 20	No Broadbar	nd Sarvice					
		_					
	Totals -	0					
Newcastle - Population: 284							
		ebraska Tel. Co.		1			
	Totals -	1		1			
Newman Grove - Population	: 786						
	Citizens Tele	communicationsCom		1			
	Viaero Wirele	ess				1	
	Totals -	2		1		1	
Newport - Population: 90							
,	Rock County	Telephone		1			·
	Totals -	1		1			
	1 01013 -	1	·				

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Nickerson - Population: 431						
	No Broadband Service					
	Totals - 0					
Niobrara -Population: 361						
·	Great Plains Communications			1		
	Great Plains Communications		1			
	Totals - 2		1	1		
Nora - Population: 19						
	No Broadband Service					
	Totals - 0					
Norfolk. Population: 24,009						
Norrolk. 1 opulation. 24,003	Cable One	1				
	OrbitCom	•	1			
	Qwest Communications		1			
	Viaero Wireless		•		1	
	Totals - 4	1	. 2		1	
Norman - Population: 50		1			•	
rtorman- r opulation. 00	Glenwood Telephone	•	1			
	Viaero Wireless				1	
	Totals - 2		1		1	
North Bond Bonulation: 1.2			'		•	
North Bend - Population: 1,2						
	Great Plains Communications Great Plains Communications		1	· 1		
	Totals • 2			4		
North Law Donaldian 204			1	1		
North Loup - Population: 324			4			
	NCTC		1			
	Totals - 1		1			
North Platte - Population: 24,						
	Access Direct			1		
	Allo Communications		1			
	Charter Communications	1			٠	
	Hamilton.net OrbitCom		4		1	
			1 1			
	Qwest Communications Viaero Wireless		'		1	
	Totals - 7	4	3	1	2	
Oak - Population: 58	1000-		3	ı ı		
Oak * FUPUIAUUII: 36	No Proodbond Conico					
	No Broadband Service					
O. I. I. Daniel d'. 2001	Totals - 0					
Oakdale - Population: 324	0 (8)		_			
	Great Plains Communications		1			
	Great Plains Communications			1		
	Viaero Wireless		_		1	
	Totals - 3		1	1	1	
Oakland - Population: 1,312						
	HunTel CableVision	1				
	OrbitCom		1			
	Qwest Communications Totals - 3	1	1 2			

Population Center	Service Provide	er:	Cable Modem	DSL	Satellite	Wireless	Other
Ohart Population: 46							-
Obert - Population: 46	Northeas	st Nebraska Tel. Co.		1			
<u>-</u>	Totals -			1			
Oconto - Population: 139							
	Access D				1		
		ains Communications			1		
	Great Pla	ains Communications		1			
	Totals -	3		1	2		
Octavia - Population: 144							
	No Broad	dband Service					
	Totals -	0					
Odell - Population: 340		— ——					
Cucii - i opulation. 040	Diller Tol	ephone Co.		1			
		ephone co. ommunications		•		1	
	Totals -	2		4		-	
<u> </u>	10lais	۷		1		1	
Ogailala - Population: 4,719		_			_		
•	Access D				1		
		munications		1			
		Communications	. 1				
		communications			1		
	OrbitCom			1			
		ommunications		1			
•	Viaero W	ireless				1	
<u> </u>	Totals -	7	1	. 3	2	1	
Ohiowa - Population: 136							
	No Broad	lband Service					
	Totals -	0		•			
Omaha - Population: 409,019							
	Cox Com	munication	1				•
	OrbitCom			1			* * *
		ommunications		1		•	
	Totals -	3	1	2			
Olbert Bereiter 2 502	1 Otal 5		<u> </u>				
O'Neill - Population: 3,503	0			4			
		ommunications		1		4	
	Viaero W		•			7	
	Totals -	2		1		1	
Ong - Population: 66							
	No Broad	lband Service					
	Totals -	0			· ·		•
Orchard - Population: 365							
•	· Citizens	Telecommunications Com		1			
	Viaero W					1	
	Totals -	2		1		1	
Ord Population, 2 179	Totals	··· -					
Ord - Population: 2,178	0	Name and a state					
	Charter C	Communications	1				
	A						
		Telecommunications Com		1			
	Citizens ² NCTC/ D Totals -		1	.1		1 1	

$\label{eq:continuous} \mbox{Appendix E} \\ \mbox{Service Provider and Service Type by Population Center*}$

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Orleans - Population: 395						
	Citizens Telecommunications Con	n	1			
	Totals - 1		1			
Osceola - Population: 903	-		· · ·	_		
	Alltel		1			
	Totals - 1		1			
Oshkosh - Population: 812	Totals -		<u> </u>			
JSIIKUSII • Population. 612	Access Direct			4		
	Access Direct United Telephone of the West		1	1		
	Viaero Wireless		1		4	
	Totals - 3		4	4	1	
Domand Danulation, 750	Totals - 3		1	1	1	
Osmond -Population: 750	N					
	Eastern Nebr Telephone		1			
	HunTel Cablevision	1				
	Totals - 2	1 _	1			
Otoe - Population: 215			_			
	Alltel		1			
	Totals -		11			
Overton - Population: 653						
	Access Direct			1		
	Charter Communications	1				
	Viaerb Wireless				1	
2 11.02	Totals - 3	-		1	1	
Oxford - Population: 827						
	Access Direct			1		
	Pinpoint Communications				1	
	Pinpoint Communications		1			
	Viaero Wireless				1	
	<u>Totals - 4 </u>		1 _	11	_ 2 _	
Page - Population: 147						
	Great Plains Communications			1		
	Great Plains Communications		1			
	Totals2		1,	1		
Palisade - Population: 383						
	Access Direct			1		
	Great Plains Communications			1		
	Great Plains Communications		1			
	Viaero Wireless					
	Totals - 4	• •	1 _	2	1	
Palmer - Population: 462						
	Citizens Telecommunications Com		1			
	Hamilton.net				1	
	Viaero Wireless				1	
	Totals - 3		1	_	2	
Palmyra - Population: 543			_	_		
	Alltel		1			
	Galaxy Cablevision	1				
	Totals - 2	1	1			

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless Other
Panama - Population: 253					
	Alltel		1		
	Diode Communications				1
	Totals - 2		1		1
Papillion - Population: 19,47	6	<u>.</u>			
	Cox Communication	1			
	Qwest Communications				
	Totals - 2	1	1		
Pawnee City- Population: 94					
	Alltel		1		
	Time Warner Cable	1		•	
	Totals - 2	1	1		
Paxton -Population: 553					
	Access Direct			1	
	Consolidated Telco			•	
	Viaero Wireless				1 .
	Totals - 3		1	1	1
Pender - Population: 1,140			. –	•	
r chaci - r opalation. 1,140	HunTel CableVision	1			
	•				
Daniel d'an 700	Totals - 1	1			
Peru - Population: 783			4 .		
	Alltel		1		•
	Totals - 1		1		
Petersburg - Population: 342					
	Great Plains Communication		1		
	Great Plains Communication	ns		1	
	Totals - 2		1	1	
Phillips - Population: 336					
	Hamilton.net		1		
	Viaero Wireless				1
	Totals - 2		1		
Pickrell - Population: 184					•
	Alltel		1		•
	Diode Communications				1
	Totals - 2		1		1
Pierce - Population: 1,734	-				
	Cable One	1			
	Pierce Telephone Co., Inc		1		
	Totals - 2	1	1		
Pilger - Population: 373		••••			
	Cable One	1			
	Viaero Wireless				1
	Totals - 2	1			1
Plainview - Population: 1,29		<u> </u>			-
i aniviow i opulation. 1,29	Plainvew Telephone Co.		1		
	Totals - 1		•		
	Totals - I		1	÷ ÷	

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other	
Platte Center - Population:	350						
	Citizens Telecommunications Com	1	1				
	Totals - 1		1				
Plattsmouth - Population: 7	.044						
rattomouth reputation.	Alltel						
	Charter Communications	1					
	Totals 2	1					
							
Pleasant Dale - Population:							
	Alltel	4	1				
	Galaxy Cablevision	1			4		
	Viaero Wireless				1		
	Totals - 3	. 1	_1		1_		
Pleasanton - Population: 34	15						
	Access Direct			1			
	Charter Communications	1					
	Citizens Telecommunications Com)	1				
	Viaero Wireless				1		
	Totals - 4	1	1	1	1		
Plymouth - Population: 451							
.,,	Alltel		1				
	Diode Communications				1		
	Galaxy Cablevision	1					
	Totals - 3	1	1		1		
Della Demalation 200	10(a)3-				•		
Polk - Population: 302	Alle I		4				
	Alltel		1		4		
	Hamilton.net				1		
	Viaero Wireless				1		
	Totals - 3		1		2		
Ponca - Population: 1,031							
	Great Plains Communications			1			
	Great Plains Communications	1					
	Great Plains Communications		1				
	Totals - 3	1	1	1			_
Potter - Population: 406							
	United Telephone of the West		1				
	Viaero Wireless						
	Totals - 2		1		1		
Prague - Population: 330							_
raguo ropulation. oo	Northeast Nebraska Tel. Co.		1				
	Totals - 1		1				
D (D) (4=	10tais - 1						
Preston - Population: 47							
	Southeast Nebraska Telephone Co	0	1				
	Totals - 1		1	-			
Primrose - Population: 65							
	Great Plains Communications		1				
	Great Plains Communications			1			
	Viaero Wireless				1		
	Totals - 3		1	1	1		
				_			

Population Center	Service Provide	er:	Cable Modem	DSL	Satellite	Wireless	Other
Prosser - Population: 102							
	Viaero W	/ireless				1	
	Totals -	1				1	
Ragan - Population: 44							
	Great Pla	ains Communications			1		
	Viaero W	/ireless				1	
	Totals -	2			1	1	
Ralston - Population: 6,208						<u>_</u>	
	Cox Com	nmunication	1				
	Qwest C	ommunications		1			
	Totals -	2	1	1			
Randolph - Population: 892							
	Cable Or	ne	1				
	Qwest C	ommunications		1	,		
	Totals -	2	1	1			
Ravenna - Population: 1,300							
		Communications	1				•
	NCTC			1			
	Viaero W	/ireless				1	
	Totals -	3	1	_ 1		1	
Raymond - Population: 193							
	Alltel			1			
	Totals -	1		. 1			
Red Cloud -Population: 1,050	0			_			
		ains Communications			1		
		ains Communications	•	1			
	Viaero W					1	
	Totals -	3		_ 1	1	1	
Republican City- Population:		_					
		Telecommunications Com		1			
	Totals -	1		1			
Reynolds - Population: 86							
		ains Communications			1 ,		
	Totals -	1			1		· · · · · · · · · · · · · · · · · · ·
Richland - Population: 90							
		dband Service					
	Totals -	0					
Rising City- Population: 384							
	Alltel			1			
	Totals -	1		_ 1			
Riverdale - Population: 207							
	Access D				1		
		Communications	1				
		Felecommunications Com		1			
	Viaero W						
	Totals -	4	1	1	1	1	·-

Service Provider and Service Type by Population Center'

Population Center	Service Provider:	<u> </u>	Cable Modem	DSL	Satellite	Wireless	Other
Riverton - Population: 137							
	No Broadband	Service					
	Totals - 0)					
Roca - Population: 214		_					
·	No Broadband	Service					
	Totals • 0						
Rockville - Population: 105							
Nockville - i opulation. 103	NCTC			1			
	Totals - 1						
	TO(dis -			1			
Rogers - Population: 94							
	No Broadband S						
	Totals - 0	l 					
Rosalie - Population: 192						4	
	Eastern Nebr Te	elephone		1			
	Totals - 1			1			
Roseland - Population: 262							
	Glenwood Teler	ohone		1			
· ·	Viaero Wireless					1	
	Totals - 2			1		1	
Royal - Population: 71				<u>-</u>			
Royal - Fopulation: 11	Viaero Wireless					1	
	Totals - 1					1	
						1	
Rulo - Population: 216	0 4 411						
		aska Telephone Co		1			
	Totals - 1			1			
Rushville - Population: 923							
	Great Plains Co			1			
	. Great Plains Co	mmunications			1		
· .	Totals - 2			1	1		
Ruskin - Population: 189							
	Alltel			1			
	Totals - 1			1			
Salem - Population: 126							
- Control of the cont	Southeast Nehr	aska Telephone Co		1			
	Totals - 1			1			
Canton Banufation 200	, otalo ,			<u>'</u>			
Santee - Population: 296	Nia Daniella Co	Camilaa					
•	No Broadband S						
	Totals - 0						
Sargent - Population: 618							
	Access Direct				1		
	NCTC			1			
	Totals - 2	<u> </u>		1	1		
Saronville - Population: 60							
-	Viaero Wireless	5				1	
	Totals - 1			÷		1	
						•	

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Schuyler - Population: 5,376	6					
	OrbitCom		1			
	Qwest Communications		1			
	Totals - 2		2			
Scotia - Population: 289		-				
	NCTC		1			
	Totals - 1		1			
Scottsbluff - Population: 14	,794					
•	Charter Communications	1				
	Hamilton.net				1	
	Mobius Communications			1		
	United Telephone of the V	Vest	1			
	Viaero Wireless				1	
	Totals - 5	1	1	1	2	
Scribner - Population: 942		<u> </u>				
	Great Plains Communicat	tions		1		
•	Great Plains Communicat		1	•		
	Totals - 2		1	1		
Seneca - Population: 45						
Ocheca - i opulation: 40	Access Direct	,		1		
	Consolidated Telephone		1	ı		
	Totals - 2		1	• 1		
Council Deputation C 747	Totals 2 Z	<u> </u>	<u>'</u>	· · ·		
Seward - Population: 6,747	A 114 - 1		á			
	Alltel	4	1			
	Time Warner Cable Viaero Wireless	1			1	
		4		•	-	
· · · · · · · · · · · · · · · · · · ·	Totals - 3	<u> </u>	1		1	
Shelby - Population: 651						
4 - •	Alltel		1			
	Totals - 1		1			
Shelton - Population: 1,140						
	Charter Communications	1				•
	NCTC		1			•
	Viaero Wireless				1	•
	Totals - 3	1	1		1	
Shickley - Population: 362		•				
	Alitel		1			
	Galaxy Cablevision	1 .				
	Totals - 2	1	1			
Sholes - Population: 23						
	No Broadband Service					
	Totals - 0				•	,
Shubert - Population: 240	•					
	Southeast Nebraska Tele	phone Co	1			
	Totals - 1	p5.10 00	1			
	Totalo I		1			

		,, , ,				
Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless O	ther
Sidney- Population: 6,379						
	Access Direct			1		
	Ailo Communications		1	•		
	Hamilton.net		•		1	
	Mobius Communications			1	'	
			4	ı		
	OrbitCom		1			
	Qwest Communications		1			
	Viaero Wireless				1	
	Totals 7		3	2	2	
Silver Creek - Population: 43	32			-	_ ,	
	Hamilton.net				1	
	Viaero Wireless				1	
	Totals - 2					
	10tais * 2				2	
Smithfield - Population: 64						
	Access Direct			1		
	Totals -			1		
Snyder - Population: 306						
	Great Plains Communication	ons		1		
•	Great Plains Communication		1	•		
•	•		4	1		
			. 1	1		
South Bend - Population: 88		. *				
	No Broadband Service					
	Totals - 0	•				
South Sioux City - Population	n: 12,087	,				
	FiberComm				1	
	Qwest Communications	,	4		1	
	Totals - 2		1		1	
Spalding - Population: 507						
	Great Plains Communication	ons		1		
	Great Plains Communication	ons	1			
	Viaero Wireless	•			1	
•	Totals - 3		1	1	1	
Spanner Demulation: E06					<u>.</u>	
Spencer - Population: 506						
	Northeast Nebraska Tel. Co).	1			
	Totals - 1		1			
Sprague - Population: 147		•				
•						
	No Broadband Service					
Danimatiala Daniela (2000)	Totals - 0	<u></u>				
Springfield - Population: 1,49	Totals - 0					
Springfield - Population: 1,49	Totals - 0 Charter Communications	1		_		
Springfield - Population: 1,49	Totals - 0	1	1			
Springfield - Population: 1,49	Totals - 0 Charter Communications	1	1 1			
Springfield - Population: 1,49	Totals - 0 Charter Communications OrbitCom	1				
	Totals - 0 Charter Communications OrbitCom Qwest Communications Totals - 3		1			
	Totals - 0 Charter Communications OrbitCom Qwest Communications Totals - 3		1 2			
	Totals - 0 Charter Communications OrbitCom Qwest Communications Totals - 3 Three River Telco		1 2			
Springview - Population: 226	Totals - 0 Charter Communications OrbitCom Qwest Communications Totals - 3 Three River Telco Totals - 1		1 2			
Springview - Population: 226	Totals - 0 Charter Communications OrbitCom Qwest Communications Totals - 3 Three River Telco Totals - 1	1	1 2			
Springfield - Population: 1,49 Springview - Population: 226 Stamford - Population: 194	Totals - 0 Charter Communications OrbitCom Qwest Communications Totals - 3 Three River Telco Totals - 1	1	1 2			
Springview - Population: 226	Totals - 0 Charter Communications OrbitCom Qwest Communications Totals - 3 Three River Telco Totals - 1	1	1 2 1			

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Stanton - Population: 1,639						
	Viaero Wireless				1	
	Totals - 1				1	
Staplehurst - Population: 261						
Ctapionalor i opalanom 201	Clarks Telecom		1			
	Viaero Wireless				1	
	Totals - 2		1		1	
Stapleton - Population: 280	· · 					
	Access Direct			1		
	Great Plains Communications		1			
	Great Plains Communications			1		
	Viaero Wireless				1	
	Totals - 4		1	2	1	
Steele City - Population: 82						
	No Broadband Service					
	Totals - 0					
Steinauer - Population: 69						
	Alltel		1			
	Totals - 1		1			
Stella - Population: 210						
	Southeast Nebraska Telephone (Co	1			
	Totals - 1		1			
Sterling -Population: 505						
	Alltel		. 1			
	Galaxy Cablevision	1				
	Totals • 2	1	1			
Stockham - Population: 60	-					
	Hamilton.net		1			
	Viaero Wireless				1	
	Totals - 2		1		<u>1</u>	
Stockville - Population: 34						
	Access Direct					
	Totals - 1	_		1		
Strang -Population: 32						
	No Broadband Service					
	Totals - 0					
Stratton - Population: 378						
	Access Direct			1		
	Great Plains Communications			1		
	Great Plains Communications		1			
	Totals - 3		1			
Stromsburg - Population: 1,1						
•	Alitel		1			
	Viaero Wireless				1	
	Totals - 2		1		1	
Stuart - Population: 580						
	Northeast Nebraska Tel. Co.		1			
	Totals - 1		1			

Population Center	Service Provider:	Cable Modem	_DSL_	Satellite	Wireless	Other
Sumner - Population: 236				•		
	Access Direct			1		
	Charter Communications	1				
	Citizens Telecommunications C	om	1			
	Totals 3	1	1	1		
Superior - Population: 1,925						
,	Alitel		1			
	Totals - 1		1			
Commiss Bandatian 44	101815	 -	_ '_			
Surprise - Population: 44	Allest		4			
	Alltel		1			
<u> </u>	Totals - 1		1			
Sutherland .Population: 1,19						•
	Access Direct			1		
	Great Plains Communications			1		
	Great Plains Communications		1			
	Viaero Wireless					
	Totals - 4		_ 1 _	2	1	
Sutton - Population: 1,412						
	Alltel		1			
	Galaxy Cablevision					
	Mainsty Satellite				1	
	Totals - 3	1	1		1	
Swanton - Population: 107						
Change of the second of the se	Alltel		1			
	Diode Communications		-			
	Totals - 2		1		1	
Cyrogues Deputation 4 920					'	
Syracuse - Population: 1,820	Alland		4			
	Alltel	4	1			
•	Galaxy Cablevision	1				
	Totals - 2	1	_ 1_			
Table Rock - Population: 248						
	Alltel		1			
	Time Warner Cable	1				
	Totals - 2	1	1			
Talmage - Population: 266	·					
	Alitel		1			
	Totals - 1		1			
Tamora - Population:						
·	No Broadband Service					
	Totals - 0					
Tannay Danulation 62	· Ottajo -					
Tarnov - Population: 62	No December of Co.					
•	No Broadband Service					
	Totals - 0					
Taylor - Population: 197						
	Access Direct			1		
	NCTC		1			
	Totals - 2					

Population Center	Service Provider:	Cable Modem	DSL	Satellite	Wireless	Other
Fecumseh - Population: 2,04	4					
	Alltel		1			
	Time Warner Cable	1				
	Totals - 2	1	1			
ekamah - Population: 1,836						
	HunTel CableVision	1				
	OrbitCom		1			
•	Qwest Communications		1			
	Totals - 3	1	2			
errytown - Population: 652						
	Charter Communications	1				
	Viaero Wireless	·			1	
	Totals - 2	1			1	
have Panulation 60	Totals					
hayer - Population: 69	Vice and Vallendana				4	
	Viaero Wireless		-		1	
	Totals - 1				1	
Thedford - Population: 186	•					
	Access Direct			1		
	Consolidated Telephone		1			
·	Hamilton.net				. 1	
	Totals - 3		11	1	1	
hurston - Population: 124	•					
	No Broadband Service					
	Totals - 0					
ilden - Population: 1,070						
	Cable One	1				
	Citizens Telecommunications		1			
÷	Viaero Wireless				1	
	Totals - 3	1	1		1	
Tables Denulation 450	10(0)	I			I	
Cobias - Population: 159	Di-da Cararavniastiana				4	
	Diode Communications				1	
	Totals - 1					
Frenton. Population: 487					,	
	Access Direct			1		
	Great Plains Communications			1		
	Great Plains Communications		1			
	Viaero Wireless				1	
	Totals - 4		1	2	1	
rumbull - Population: 204						
	Glenwood Telecomm.				1	
	Hamilton.net		1			
	Viaero Wireless				1	
	Totals - 3		1		2	
Jehling - Population: 266		 -				
	Hooper Telephone Co.		1			
	Totals • 1		1			
Illumana Danislatica 200	101015" 1		ı			
Jlysses - Population: 269	Olaska Tak					
	Clarks Telecom		1			
	Totals - 1		1			

Population Center	Service Provider:		Cable Modem	DSL	Satellite	Wireless	Other
Unadilla - Population: 340							
	Alltel			1			
	Galaxy Ca	blevision	1				
	Totals -	2	1	1			
Union -Population: 265			 -			_	
	Alltel			1			
	Totals -	1		1			
Upland Population: 169							
opiana i opaiation. 100	Glenwood	Telephone		1			
	Viaero Wir			•		1	
	Totals -	2		1		1	
Liting Demulation 020				<u>1</u>		1	
Utica - Population: 838	61111						
	Alltel	4		1			
=1=	Totals -	1		1			<u> </u>
Valentine - Population: 2,778							·
	Qwest Cor	nmunications		1			•
	Totals -	1	•	1	•		
Valley - Population: 1,825			÷ .				
	Cox Comm	unication	1				
•	OrbitCom			1	-	-	
	Qwest Cor	nmunications		1			
	Totals -	3	1	2			
Valparaiso - Population: 583	 -						
	Alltel			1			
	Totals -	1		1			
Venango - Population: 164							
romange ropanamem rer	Access Dir	ect			1		
		s Communications			1		
		s Communications		1	,		
	Viaero Win			•		1	
•	Totals -	4		1	2	1	
Verdel - Population: 57	, 0000			1		. 1	
ecider - r opalation, or	Theore Dive	r Toloo		4			-
	Three Rive	1		1			i .
1, 1, p, 1, , , , , , , , , , , , , , ,	Totals -			1			
Verdigre - Population: 494	_						
		s Communications			1		
		s Communications		1		÷	
	Totals -	2		1	1		
Verdon - Population: 204							
	Southeast	Nebraska Telephone Co	o .	1			
	Totals -	1		1			
Virginia - Population: 68							
	Diller Telep	hone Co.		1			
		munications				1	•
•	Totals -	2		1		1	
•						•	

Population Center	Service Provi	der	Cable Modem	DSL	Satellite	Wireless	Other
Waco - Population: 256							
	Alltel			1			
	Viaero	Wireless				1	
	Totals -	2		1		1	
Wahoo - Population: 4,014							
	Alltel			1 .			
	Charte	r Communications	1				
	Totals -	2	1	1			
Wakefield - Population: 1,335	5						
	HunTel	CableVision	1				
•	Totals -	1	1		•		
Wallace - Population: 320			,				
·	Access	Direct			1		
		idated Telco		1			
	Viaero	Wireless				1	
	Totals -	3		1	1		
Walthill - Population: 897	<u> </u>						
	Easterr	n Nebr Telephone		1			
	Totals -	1		1			
Washington - Population: 13							
		Communications		1			
•	Totals -	1		1			
Waterbury - Population: 86		<u> </u>					
reactions of a parameter of	Northe	ast Nebraska Tel. Co.		1			
	Totals -	1 ·		1			
Waterloo - Population: 471				.			
· Opulation: 471	Cov.Co	mmunication	1				
		Communications	ı	1			
	Totals -	2	1	1			
Wauneta - Population: 592	101815 -		ı	<u>'</u>			
wauneta - Fopulation. 552	A 2000	Direct			1		
	Access BWTeld			1	ı		
		Wireless		•		1	
•	Totals -	3		1	1	4	•
Wausa - Population: 598		<u>. </u>		1			
rrada - i opulation, 000	Great E	Plains Communications		1			
		Plains Communications		1	1		
		Wireless			•	1	
	Totals -	3		1	1	' 1	
Waverly - Population: 2,638	, , , , , , , , , , , , , , , , , , , ,	· · · · · · · · · · · · · · · · · · ·				•	
riarony i opaiation, 2,000	Alltel			1			
		Communications	1	'			
	Totals -	2	1	. 1			
Wayne - Population: 5,293	, 01010 -		<u> </u>	- 1		,	
**uyiio ~ 1 opulation, 0,233	HunTal	CableVision	1				
	OrbitCo		,	1			
		Communications		1			
	Totals -	3	1	2			
	70tais -	<u> </u>	ı	k			

Service Provider and Service Type by Population Center"

Population Center	Service Provider:	-	Cable Modem	DSL	Satellite	Wireless	Other
Weeping Water - Population:	1,127						
	Aiitel			1			
	Galaxy Cablevision	า	1				
	Totals - 2		1	1			
Veilfieet - Population: 77	 _						
•	Access Direct				1		
	ConsolidatedTelco)		1			
	Viaero Wireless				•	1	
	Totals - 3			1	1	1	
Vest Point - Population: 3,50							
vest i oint - i opulation. 3,30	Cable One		1				
	Qwest Communica	ations	•	1			
	Totals - 2	ations	1	1			
	Totals - Z		1				
Vestern - Population: 288							
	Aiitel			1			•
	Diode Communica	tions				.1	
	Totals 2			. 1		1	
Veston - Population: 307							
	Northeast Nebrask	a Tei. Co.		1			
	Totals - 1			1			
Vhitney- Population: 88							
, ,	Viaero Wireless					1	
	Totals - 1						
Vilber - Population: 1,794							
viibei = Population. 1,794	Alltel			1			
		tions		'		1	
	Diode Communica		1			1	
	Galaxy Cablevision	ı ı					
	Totals - 3		1	1			
Viicox - Population: 357			_				
	Charter Communic		1				
	Glenwood Teiecon					1	
	Great Plains Comr				1		
	Great Plains Comr	munications		1			
	Viaero Wireless					1	
	Totals - 5		1	1	1	2	
Wilsonville - Population: 115							
	Access Direct				1		
	Citizens Telecomn	nunicationsCom		1			
	Totals - 2			1	1		
Vinnebago - Population: 780			*****		_		
÷ .	Eastern Nebr Tele	phone		1			
	Totals - 1	,		1			
Vinnetoon -Population: 67			-		-		
viimetoon -rupulation. 01	Great Plains Com	munications			1		
	Great Plains Com			1	ı		
	Great Plains Comr	nunications		-	4		•
_	Totals - 2			<u>1</u>	1		
Winside - Population: 437				_			
	Northeast Nebrask	a Tel. Co.		1			
	Totals - 1			1			

$\label{eq:appendix} \mbox{\ensuremath{Appendix}} \mbox{\ensuremath{E}}$ Service Provider and Service Type by Population Center*

Population Center	Service Provid	der:	Cable Modem	DSL	Satellite	Wireless	Other
Winslow - Population: 101							
	Hooper	Telephone Co.		1			
	Totals -	1		1			
Wisner - Population: 1,214							
•	Cable O)ne	1				
		lains Communications			1		
		lains Communications		1			
	Totals -	3	1	1	1		
Wolbach - Population: 270							
.,	Great P	lains Communications			1		
		lains Communications		1			
	Viaero V					1	
	Totals -	3		1	1	1	
Wood Lake - Population: 72		 _					
·	Great P	lains Communications			1		
	Totals -	1					
Wood River - Population: 1,2							
		Communications	1				
	Hamilton		•			1	
	Viaero V					1	
	Totals -	3	1			2	÷
Nymore - Population: 1,627			· · · · · · · · · · · · · · · · · · ·				
, ,	Alltel			1		•	
•		ommunications				1	
		Cablevision	1				
	Totals -	3	1	1		1.	
Wynot - Population: 174			· · · · · · · · · · · · · · · · · · ·				
	Great PI	lains Communications			1		
		lains Communications		1			
	Totals -	2		1	1		
York - Population: 7,795							
	Alitel			1			
		Satellite		·		1	
		arner Cable	1				
	Viaero V					1	
	Totals -	4	1	1		2	
Yutan - Population: 1,211			·	•			
i diani i opuidioni ijai i	Alltel			1		,	
	Totals -	1		1			
	TOLAIS -			. 1			